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SYRACUSE, N.Y.

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**SEEDS HARDWARE
IMPLEMENTS**

1868-
1907

39th Annual Catalogue.

PRICE LIST

RAFFIA, REED AND SWEET GRASS.

REED.

No.	Reed.....	per lb.	\$1.50	per oz.	15c	RAFFIA.	Natural.....	per lb.	.25 per oz.	5c
1	"	"	1.00	"	10c					
2	"	"	1.00	"	10c		Colored-in 8 shades	"	.75	" 10c
3	"	"	1.00	"	10c		SWEET GRASS....	"	\$2.50	" 20c
4	"	"	.75	"	10c					
9	"	"	.75	"	10c					

Books of instruction on Raffia work and Basketry Illustrated mailed on receipt of 40c.

Mail and Express Orders given Prompt Attention.

BOOKS--IT PAYS TO READ--BOOKS.

Can furnish promptly any book needed for the Farm, Garden, Lawn, Greenhouse, etc. We will send any of these books, postpaid, to any address upon receipt of prices annexed. Alfalfa, and How To Grow It—By F. D. Coburn. 75c.

Asparagus Culture—60 cents.

Beet Sugar Culture—60 cents.

Gregory on Cabbages—50 cents.

Cauliflowers and How to Grow Them—By Francis Brill. 50 cents.

Celery Culture—By J. C. Vaughan. 75 cents.

How to Grow Chicks—By T. F. McGrew. 50c.

A practical treatise on growing and raising chicks for fancy or market purposes.

Dairy for Profit—Illustrated. 50 cents.

Concerning Lawn Planting—35 cents.

Feathered Pets—Complete Book on Birds. 50 cents.

The Practical Fruit Grower—Cloth, 60 cents

Insects and Insecticides—By Prof. C. M.

Weed. \$1.75

Maple Sugar and Sugar Bush—By Prof. A. J. Cook. Profusely Illustrated. 50 cents

Mushroom Culture—By Wm. Falconer. 1.25
Gregory on Onion Raising—What kind to raise and how to raise them. 50 cents.

A B C Potato Culture—50 cents.
Five Hundred Questions and Answers in Poultry Raising—50 cents.

Raffia and Basketry work Illustrated. 40c.

Strawberry Culture—50 cents.

Strawberry Culturist—By Andrew S. Fuller.

Containing all information necessary to enable everybody to raise their own strawberries. Fully illustrated. 5x7 inches. Flexible cloth, 50c.

Silos, Ensilage and Silage—Cloth, £0 cents.

Tomato Culture—135 pp., illustrated. 50cts.

Our Farm of Four Acres. and the Money we made by It—Paper cover, 12 mo. 50c.

How to Plant and What to Do With the Crops—75 cents.

Vegetables Under Glass—By A. Dreer. 50c.

USEFUL TABLES.

Of Plants per Acre at the following distances apart.

1 ft. by 1 ft.	43,560	6 ft by 6 ft.	1,210
1½ " 1½ ft.	19,360	8 " 8 ft.	680
2 " 1 ft.	21,780	9 " 9 ft.	537
2 " 2 ft.	10,893	10 " 10 ft.	435
2½ " 2½ ft.	6,969	12 " 12 ft.	302
3 " 1 ft.	14,520	15 " 15 ft.	193
3 " 2 ft.	7,260	18 " 18 ft.	134
3 " 3 ft.	4,840	20 " 20 ft.	103
4 " 4 ft.	2,722	25 " 25 ft.	70
5 " 5 ft.	1,742	30 " 30 ft.	48

Number of Plants Produced from 1 oz. of Seed.

Plants	Plants
Asparagus about 500	Kale . . . about 2,000
Broccoli . . .	Leek . . . " 1,000
Cabbage . . .	Lettuce . . . " 3,000
Cauliflower " 4,000	Pepper . . . " 2,000
Celery . . . " 4,000	Sage . . . " 1,000
Egg Plant " 1,000	Tomato . . . " 3,000
Endive . . . " 3,000	Thyme . . . " 5,000

SEED SOWN PER ACRE.

Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu	Seed Sown per Acre.	Wt. per bu
Timothy, ¼ to ½ bu	.44 lbs	Millet, ½ to ¾ bu	.50 lbs	Dwarf Essex Rape, . . .	.5 lbs
Lucerne, or Alfalfa, 30 lbs	60 lbs	Hungarian, ½ to ¾ bu	.48 lbs	Peas, 2½ bu	.60 lbs
Clover, Red, 10 to 15 lbs	.60 lbs	Wheat, 2 bu . . .	.60 lbs	Beans, 1 to 1½ bu	.62 lbs
Clover, Alsike, 5 to 10 lbs	.60 lbs	Buckwheat, ¾ to 1 bu	48 to 50 lbs	Pumpkin Seed, 2 qt	.27 lbs
Clover, Crimson, 15 lbs	.60 lbs	Rye, 1 to 2 bu	.56 lbs	Turnip, 1 lb	. . . . .
Cow Peas, 60 lbs	.60 lbs	Oats, 2 to 3 bu	.32 lbs	Spinach, 8 lbs	.42 lbs
Red Top, 2 to 2½ bu	.14 lbs	Oats, Winter, 1¾ bu	.32 lbs	Beet, 4 to 6 lbs	. . . . .
Blue Grass, 2 bu	.14 lbs	Barley, 2 bu . . .	.48 lbs	Squash, 2½ lbs per acre	. . . . .
Orchard Grass, 2 bu	.14 lbs	Flax Seed, 1 bu	.56 lbs	Parsnips, 4 to 5 lbs	. . . . .
Yellow Sand Clover, 15 lbs	.60 lbs	Corn, ¾ bu . . .	.56 to 60 lbs	Cabbage, ¾ lb	. . . . .
White Clover, 6 to 10 lbs	.60 lbs	Potatoes, 6 bu . . .	.62 lbs	Cucumber, 1 lb	. . . . .
Sweet Vernal, 1 to 1½ bu	.10 lbs	Sweet Corn, ¼ bu . .	about 45 lbs	Carrot, 2½ to 3 lbs	.20 lbs
				Onion, 5 to 6 lbs	.56 lbs

NON-WARRANTY.—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

TO THE PUBLIC.

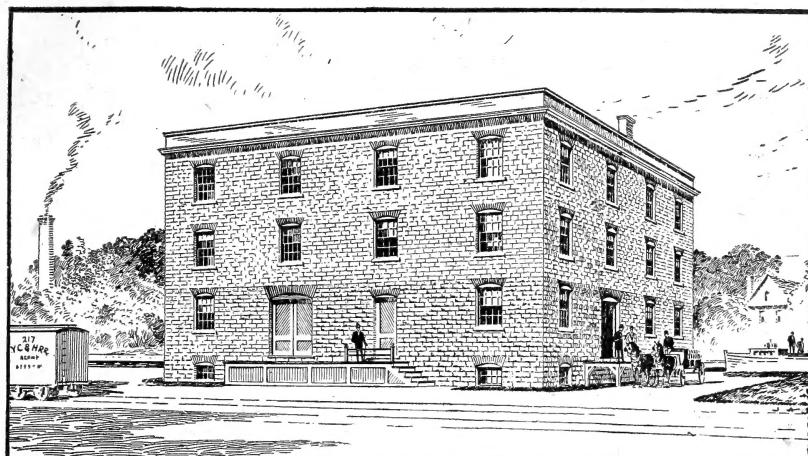
IN PRESENTING our Annual Catalogue we feel that a brief reference to our business will not be out of the way. This House has been located in the same building for nearly forty years, having been established by Mr. A. D. Perry, the pioneer seedsman of this city, in 1868. We are importers of the best Flower and Garden Seeds, Bulbs, etc., and dealing as well in the more common varieties of seeds used on the garden and farm; also Implements, Drain Tile, Hardware, etc. To better care for our increasing trade we have erected a large warehouse at the corner of Canal and Lemon streets, with a branch of the New York Central and West Shore railroads directly in front of the building, and the Erie canal at the rear. This gives us ample shipping facilities and enables us to handle car lots of Seeds, Implements, etc., with greater economy and dispatch.

We wish to thank all who have contributed to our welfare and greatly appreciate their loyalty and generous patronage.

Yours Respectfully,

JANUARY 1, 1907.

F. H. EBELING, SEEDS AND HARDWARE.



F. H. EBELING'S SEED AND IMPLEMENT WAREHOUSE, COR. CANAL AND LEMON STREETS, RETAIL STORE, 217 WARREN STREET.

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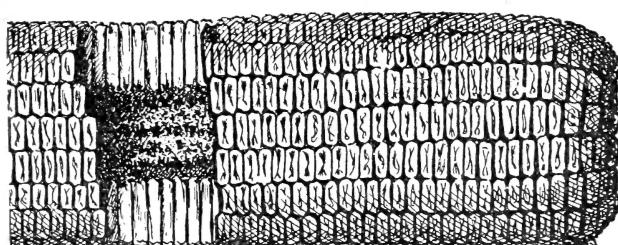
FOR POULTRY SUPPLIES SEE SPECIAL INDEX, PAGES 68 AND 69.



"A FIELD OF IOWA GOLD MINE ENSILAGE CORN."

A field of Iowa Gold Mine Ensilage Corn grown on the farm of Mr. A. L. Brockway, who said it was the finest crop ever known in that section. Has a very small cob and a verylarge kernel. Its grain producing capacity is nearly double that of Leaming or Pride of the North.

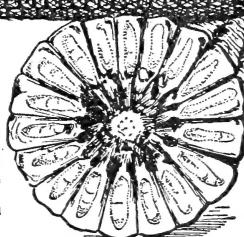
The Iowa Gold Mine Corn is giving such eminent satisfaction that we give it the place of honor in the corn family. It puts **gold dollars** in the pockets of all who use it.



**IOWA GOLD
MINE**



**The Deepest
Grained, Pur-
est Yellow Corn
in Existence. &**



Price \$1.50 per bushel, shelled; in bushel crates on the ear, carefully selected, \$1.75.

F. H. Ebeling, Syracuse, N. Y.

Dear Sir:—Last year I wrote you a very favorable report in regard to the Iowa Gold Mine seed corn which I purchased from you. I bought my seed of you again this year, and planted it upon the same piece of ground. The results have exceeded those of last year. I got a greater stand of corn and a much larger yield per acre. I was unable to get the entire piece of 25 acres into my two silos, although I got it all in a year ago. I had about three acres left that I did not cut, but allowed it to mature. We hustled from this small piece (3 acres) about 400 bushels of nicely matured and eared corn. I shall plant next year the Iowa Gold Mine, and I have much doubt if I raise any of the Flint corn at all. The cob on these ears is so small that I am satisfied that I get a larger yield of shelled corn per acre than I would with the Flint. I also had another piece of 8 acres which was check planted and which matured splendidly. This, of course, is a great difficulty with the western dent corn, to be fully matured before our early frost, and in this respect the Iowa Gold Mine seems to be a great success. I can speak of it very highly.

Syracuse, N. Y., January 3, 1907.

Yours very truly,

A. L. BROCKWAY.

**IOWA GOLD MINE
ENSILAGE CORN.**

This magnificent variety of corn will grow 14 feet high and matures with our fruit varieties. It has the largest kernel and smallest cob of any Ensilage Corn known. The grain value of this wonderful variety is about double that of the Leaming or Pride of the North with their immense cobs and small kernels. It is everything that the Pride of the North and Leaming can possibly be, with the great grain producing quality added. There you have it in a nut-shell. It is the biggest milk and money producer on the American continent. We have decided to offer it this season on the ear also, as many of our farmers have expressed a desire for it. Sample ears on application.



Medal awarded to F. H. Ebeling for his choice collection of seeds at St. Louis by the Louisiana Purchase Exposition.

SWEEDISH OR WASHINGTON OATS.

This magnificent variety was selected from among 36 kinds. The seed stock originally came from Sweden, from there into Russia and then in turn imported into this country. See page 6 for full particulars.

SPECIAL ANNOUNCEMENT.

KOW-KURE.

WHAT IT IS.—Kow-Kure is a medicine especially designed for the cow, and it is the only remedy known that entirely fits her case. It is carefully compounded of twelve drugs, which may be divided into four sets; there is one set acting directly on the womb and other organs of generation; another set acting upon the stomach; another set on the blood, and the fourth on the kidneys and bladder.

WHAT IT DOES.—Kow-Kure prevents abortion by aiding nature to give nourishment to the organs of the generation and strength to the muscles of the womb. We know of no other medicine that will do this. It cures barrenness and retained afterbirth in the same way. It improves the appetite and aids digestion; thereby increasing the flow of milk. It enriches and vitalizes the blood, curing buncles and inflammation. It cures diseases of the kidneys and bladder. Kow Kure is in every sense a medieine and in no sense a food. Fed to Milch Cows it improved their condition and increases milk and cream ten cent. Cost about one cent a day per cow. Price, 50c.

INCUBATORS, BROODERS, POULTRY SUPPLIES.

Never before in the history of Poultry Raising has so much capital been invested, such high prices for eggs and poultry, or such a demand; and never before such reasonable prices for Incubators and Brooders. They are now within the reach of all. We are agents for the celebrated Cyphers line of Incubators, Brooders and Poultry Supplies. The 1906 model shows many improvements and is absolutely the acme of perfection, while the quality and high grade is maintained. Those keeping fowls, or who expect going into the raising of poultry, will find it profitable to buy of us. We can furnish everything from a Nest Egg to an Incubator.

See pages 64, 65, 66, 67, 68 and inside back cover for further particulars.

BOWKER'S CELEBRATED FERTILIZERS.

Our farmers who use Fertilizers will find it to their interest to place their orders with us. We have sold this Fertilizer for some thirty years, and they are equal or superior to any on the market. See page 53.

AMERICAN STEEL FENCING AND CORN CRIBBING.

Prices are low for this famous Fencing. We will make special discounts to induce early buyers. Have about four car loads of this Fencing on hand and can supply all the leading sizes. See page 59. Also Corn Cribbing. Something new and practical. See page 55 and 59.

For M. M. S. Poultry Fencing, the best of all, see page 54.

BLATCHFORD'S CALF MEAL.

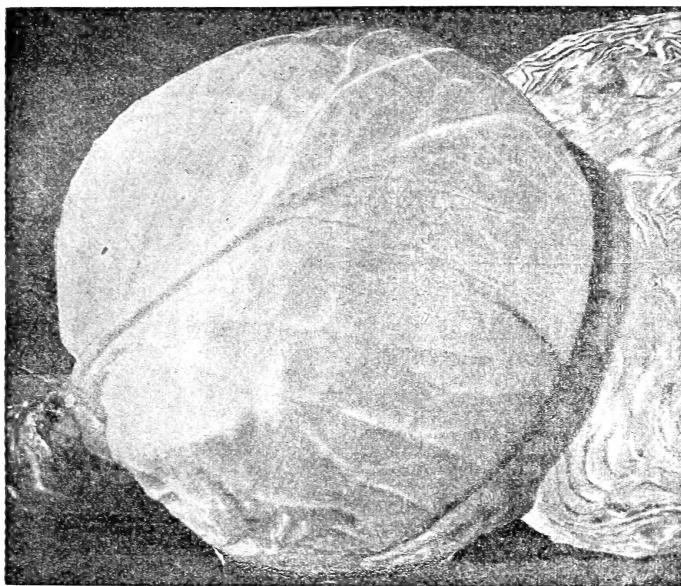
The milk substitute. Blatchford's Calf Meal is for calves what Mellin's Food is for babies. Raises the finest calves at about one-half the cost of milk.

100 pound bag (makes 100 gallons of rich, nutritious gruel).....	\$3.75
50 "	2.00
25 "	1.00

Try it and sell the milk. For sale here. See page 55.

FARMING IMPLEMENTS.

Would call particular attention to this department of our business. Can supply everything in this line at reasonable prices. If you need a Corn Binder, Reaper, Mower, Grain Binder, Roller, Harrow, Riding Cultivator, 5 or 7-tooth Cultivator, Potato Planter, Horse-Corn Planter, including a Check-Rower attachment, Spraying Tools, Plows, or any of the things necessary to work a farm with, call and see us. Can furnish Catalogue with full particulars. If you wish will send special agent to see you. We represent the leading manufacturers in this line.



Houser Cabbage. From photo, showing shape and solidity of head.

By reason of the compact habit of growth and its freedom from loose leaves, fully 500 to 800 more heads can be set out to the acre than of any other good-sized variety. Fully 95 per cent of these plants, in an ordinary season, will make good, merchantable heads. 35c oz; \$4.00 lb.

PREMO SWEET CORN.

The earliest and best Sweet Corn in existence. A genuine Sweet Corn as early as the Adams Extra-early and larger than any other early variety. It is pronounced the most valuable early variety ever introduced. Market gardeners will make no mistake in planting this Corn for a market crop: it is past the experimental period. The stalks grow about five feet high, and are very vigorous, generally bearing two well-developed ears to a stalk. These ears measure 1 to 2 inches longer than those of Cory or Adams.

VOLGA CABBAGE.

This new variety of cabbage originated as its name would indicate in Russia, and was introduced here ten years ago from a trial package selected from some thirty varieties. The Volga was the only one among them all that stood the test and held to its original true type. After these years of careful selection this cabbage was first introduced in 1892 by one of the foremost and best known reliable cabbage growers in the United States. IN SHAPE it is midway between the Danish Ball Head and the ordinary Flat Dutch but partaking more of the character of the former. UNIFORMITY and SOLIDITY of HEAD. In this respect it is a vegetable wonder, as the heads are of about equal size and shape, weighing from 12 to 15 pounds each. \$3.00 per lb.

CHALK'S EARLY JEWEL TOMATO.

This tomato was first introduced in 1898 and has proved to be a very profitable tomato, especially to the market gardener. So much has been said regarding this that we merely give a brief outline of it. It is a handsome, large red, second early, ripening very evenly to the stem with very few seeds. Its productiveness is simply enormous having produced as many as 1 1-2 bushels to the plant. It is a comparatively early variety and will bear ripe fruit until frost, keeping its size up well until the last picking: uniformly adapted to all sections of the country. It commands a ready sale wherever shown. Have only a limited quantity to offer.

Price per oz. 40c. Price per lb. \$3.50.

The Houser Cabbage.

The largest hard-heading, fine grained, smallest-hearted cabbage known. A cabbage which has weight and size. Reasons why the Houser is more profitable than any other late cabbage: It is the latest cabbage, being two weeks later than any strain of the Flat Dutch type.

In solidity it cannot be excelled, not even by the Danish Ballhead.

It is as large as any late cabbage grown, heads averaging 12 to 14 pounds, and some much larger.

It never cracks on the top or side of the head.

It is the smallest-hearted and finest-grained cabbage known, as shown in the illustration.



SWEDISH OR WASHINGTON OATS

This grand white branch variety is new, heaviest, thinnest hull stiffest straw, best of thirty-six varieties; weight 36 to 40 pounds measured bushel. Under unfavorable circumstances they have yielded 82 bushels, weighing 37 pounds per bushel. A small field of 2 acres yielded 227 bushels. Straw 4 to 5 feet tall, many heads 8 to 11 inches, do not rust, stand up well, plump meats.

The Swedish Select Oats seem especially adapted to high, well drained land, and the best known returns are from clay-loam soils. The great root development is one of the characteristics of the Swedish Oats which enables the plant to resist drought better than any other variety tested. The straw is coarse and is noted for its stiffness and power to withstand lodging.

The following are some of the reasons why Swedish Oats are "the best."

First—They outyield all others. Nearly everyone who tries them testifies to this. We have seen them just double such a standard variety as Mich. Wonder in the same field.

Second—They are of the heaviest, 36 to 40 pounds per measured bushel.

Third—Stiffness of the straw. "The straw is coarse and is noted for its stiffness and power to withstand lodging."

Fourth—Fine appearance. They are pure white in color, large, thick and plump. The heads are large, upright and bushy. They are not a side oat.

Fifth—Thinness of hull. They are nearly all meat. This is what makes them valuable as a feeding oat.

Sixth—Great root development. "This is characteristic of the Swedish Oats, which enables them to resist drought better than any other variety tested."

Seventh—Adaptability. The best success is on clay soils, but they have been sown on all soils, including sand, and are most satisfactory everywhere.

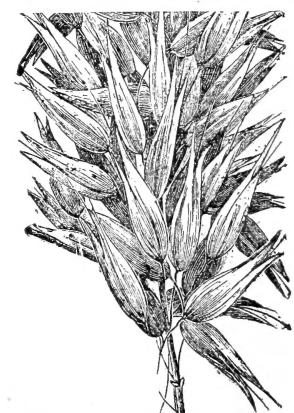
Eighth—Earliness. They are the earliest of all large, heavy yielding oats.

Ninth—Freedom from rust and smut. There is no smut in our stock and the Swedish are less liable to smut and rust than most any other oat.

Tenth—New Blood. Get the newest and best while you are at it. Price \$1.25 per bu.



SWEDISH



CANADA CLUSTER OATS.

Canada Cluster Oats. A fine acquisition to the Oat family and one of the best. Yielded 80 to 90 bu. in this county. Straw exceptionally thick, strong and heavily jointed. A vigorous grower, stands up remarkably well under unfavorable conditions like last summer. Weighs 35 to 40 lbs. Read what some good farmers have to say about "Canada Cluster Oats."

Gentlemen:

I hereby submit a report of the yield of Canada Cluster 'Oats' from the seed bought of you last spring. From three acres of ground I threshed 228 bushel measures from the machine, the oats weighing 39 lbs. per bushel. All I regret is that I did not sow all that kind of seed even at \$2.50 per bushel.

Very truly, D. J. Carey, Jamesville, N. Y.

Dear Sir:

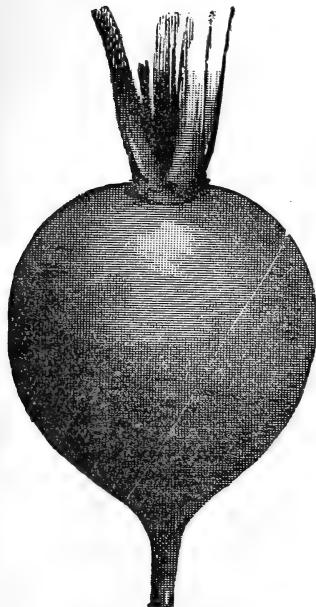
I hereby submit a report of the yielding of Canada Cluster Oats from the seed bought of you last spring. From 10 bushels of seed sown in four acres of ground I received 80 bushel by measure which weigh 39 lbs. per bushel. Yours respectfully,

Frank Costello, Fayetteville, N. Y.

Dear Sirs:

I am very much pleased with the Canada Cluster Oats bought of you last spring. From the 20 bushel of seed sown on 10 acres of ground we threshed 750 bushels thrasher's measure, weighing 40 lbs. to the bushel. The oats standing up in every part of the field, with no smut or rust, while our neighbors oats were down, only yielding a half crop. I consider the Canada Cluster the finest oats ever grown in this country.

R. G. Wheeler, Manlius, N. Y.

**DETROIT DARK RED.**

Half Long Blood. An excellent half long, second early; good also for winter use.

Long Blood. Long, smooth and very dark red; a late variety. Our strain of this variety cannot be excelled,

Mammoth Long Red Mangel,

Yellow Mammoth or Intermediate,

Yellow Ovoid Giant,

Yellow Globe Mangel,

Vilmorin's Improved Imperial Sugar,

Golden Tankard Sugar,

Taber's Gate Post, new mangel,

Swiss Chard, for greens,

New Ideal Mangel Beet, the prize Mangel See page 18 for particulars

ASPARAGUS.

Per oz. Per lb

Barr's Mammoth, very large, early,	\$ 10	\$.75
Palmetto, large, tender, light green,	10	.75
Couover's Colossal, very large,	10	.75
Asparagus Roots of the above varieties, per 100,	1 00	
Special prices for quantities.		

BEET. Ruben

Bassano, Early Flat, German early, tender variety; color, light red,	10	.65
Bastian Early Blood Turnip or Lentz. Very early red variety; not quite so flat as Bassano,	10	.65
Extra Early Egyptian Blood Turnip. One of the earliest table beets; small tops, color very dark red; flat and smooth,	10	.65
Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian, is thicker and less inclined to push up a woody neck as it advances in growth .	10	.65
Detroit Dark Red. Round, skin dark red; flesh light red; very sweet,	10	.65
Dewing's Blood Turnip. Improved variety of deep blood-red; fine form and flavor	10	.65
Eclipse Blood Turnip. Very early, round, smooth and dark red; very small top, and is one of the best for market,	10	.65
Edmand's Turnip. One of the very best strains for market gardeners; small top, round, handsome and very dark red. Our stock is very fine,	10	.65
Long Blood. Long, smooth and very dark red; a late variety. Our strain of this variety cannot be excelled,	10	.65
Mammoth Long Red Mangel,	10	.20
Yellow Mammoth or Intermediate,	10	.20
Yellow Ovoid Giant,	10	.20
Yellow Globe Mangel,	10	.20
Vilmorin's Improved Imperial Sugar,	10	.20
Golden Tankard Sugar,	10	.25
Taber's Gate Post, new mangel,	10	.30
Swiss Chard, for greens,	10	.60
New Ideal Mangel Beet, the prize Mangel See page 18 for particulars	10	.50

BEANS. (Bush) Garten Bohne.

Per qt. Per bu

Golden Wax, Improved,	\$ 30	\$ 6 50
Black Wax, yellow pods,	30	6 50
Davis' Kidney Wax,	30	6 50
Wardwell's Kidney Wax,	30	6 50
Golden Eyed Wax,	30	6 50
Valentine Wax,	30	6 50
Early Long Yellow, six weeks, green pod,	25	4 50
Dwarf Horticultural,	30	6 00
Improved Valentine,	25	5 00
Mohawk, one of the earliest,	30	5 00
China Red Eye,	20	4 50
Boston Yellow Eye,	20	5 00
Refugee Pickling Bean,	25	5 00
White Kidney,	20	3 50
White Marrow,	20	3 50

BEANS. (Pole or runners).

Per qt. Per bu

Deere's Golden Cluster Wax	\$ 30	\$ 6 00
Black Wax,	30	7 00
Lazy Wife, pole,	30	7 00
Burpee's Bush Lima, large,	30	6 00
Deere's Bush Lima,	30	6 00
Early Jersey, Lima, new,	30	6 00
King of the Garden Lima,	30	6 00
Siebert's Early Lima,	30	7 00
Cranberry, Speckled or Wren's Egg,	30	6 00
Case Knife, white flat,	30	6 00
Scarlet Runner,	40	8 00
White Dutch Runner,	40	8 00
Onondaga Pole,	30	6 00
Broad Windsor,	40	

Broccoli.

Early, large (French), per lb.

35

South Hampton, per lb.

35

Brussels Sprouts.

Dwarf, Fine French,

20

1 75

Borecole., or Kale.

Per lb

Green Curled or Kale,	20	.75
Purple or Brown Kale,	15	.75

Hamilton, N. Y. Dec. 1905

Dear Sir:

I found your seed all right and true to name, am much pleased with it and you will find draft for same.

Yours truly

S. G. Matteson

TIN WORK AND REPAIRING DONE PROMPTLY.



EARLY JERSEY WAKEFIELD.



VOLGA CABBAGE.

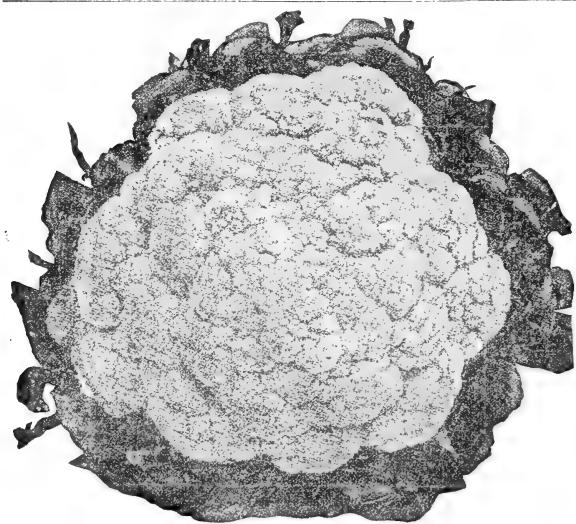
CABBAGE Kopf-Kohl.

Per oz. Per lb.

EARLY SPRING CABBAGE. The earliest and best of all the first early sorts. It's hardiness fits it not only to resist the cold, but any and all unfavorable conditions. Can plant closer than other varieties. A great favorite among market gardeners.

Volga Cabbage, new. See page 5	35	\$4.00
Allen's Early Flat Dutch	30	4 00
Henderson's Early Summer	25	2 00
Winningstadt, early	25	2 00
Early Ox Heart, or Etampes	25	2 00
Early Jersey, Wakefield	25	2 50
Succession, L. I. grown	25	2 00
Sure Head Cabbage	25	2 00
Houser, big, hard, late. See page 5	35	4 00
Fotler's Brunswick	25	2 00
Danish Ball Head, Imp	30	3 00
Hollander	30	2 50
Gregory's All Season	25	2 00
Premium Flat Dutch	25	2 00
Large and Late Drumhead	25	1 75
Marblehead Mammoth	25	1 50
Warren Stonemas-n	30	2 50
Red Dutch, "Erfurt," early	25	2 50
Red Rock, late,	25	3 00
Large Dark Red Drumh'd	25	2 00
Globe Savoy	25	2 00
Victoria Savoy	30	2 50

Our **Danish Ball Head Cabbage** is imported direct from Denmark, and is the genuine true to name variety. Have imported annually for many years, and it has given the best of satisfaction. Our seed for this season is especially fine.



TRUE SNOWBALL CAULIFLOWER

**GENUINE DENMARK
GROWN CAULIFLOWER
SEED.**

Imported annually from our Denmark growers for many years.

The best Gardeners in this section have used our strains for years. A sure header, a fine yielder and a money maker.

CAULIFLOWER-BlumenKohl
Per oz.

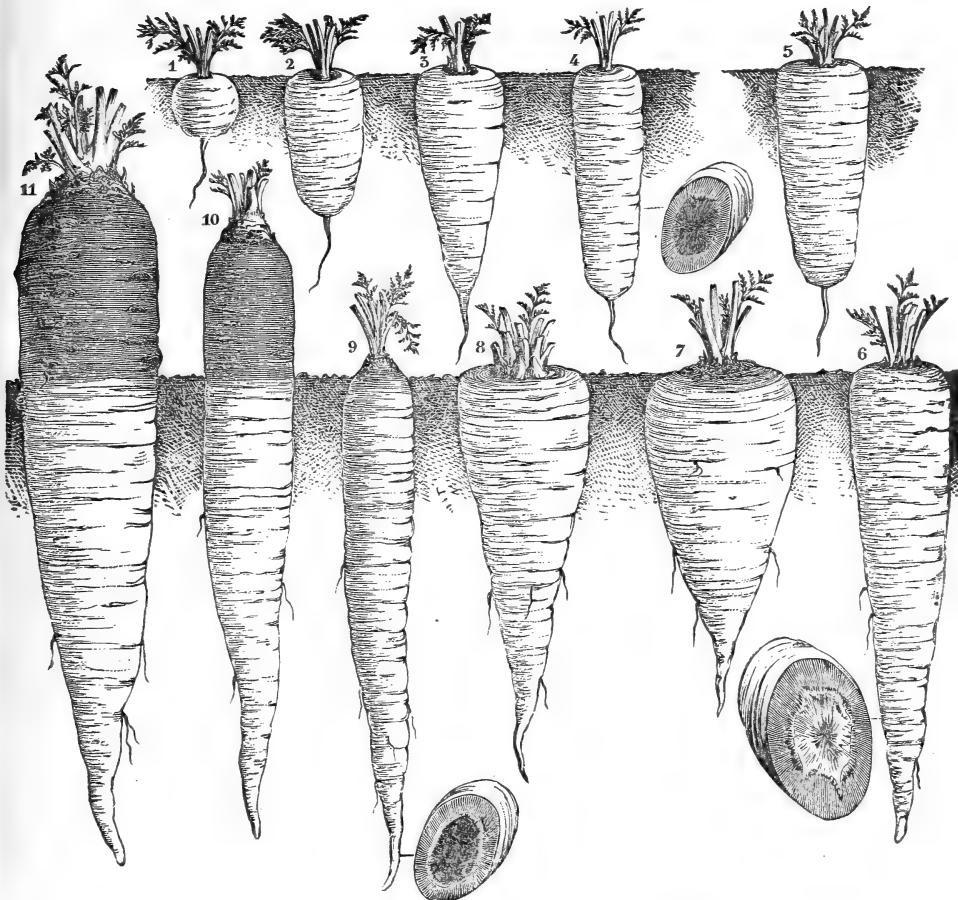
Ebeling's Snowball, extra small leaf, fine large head . . .	\$ 3 00
Ebeling's Dwarf, Erfurt, fine quality, true	4 00
Half Early Paris, large heads.	75

FORMULA FOR MAGGOTS ON CABBAGE PLANTS.

Mr. Jacob Sneller, of Cicero, N. Y., has given us the following formula for Maggots on Cabbage plants.

Shake the plants out thoroughly to free from dirt and dip the roots in a weak solution of salt and water. It is important that the roots should be free from the dirt. Sowing the salt on the bed is also very beneficial. If slug-shot is sown on the bed just before the plants come through the ground it will prevent their being destroyed by bugs.

BARGAINS IN PLOWS. BONE MILLS and POULTRY SUPPLIES



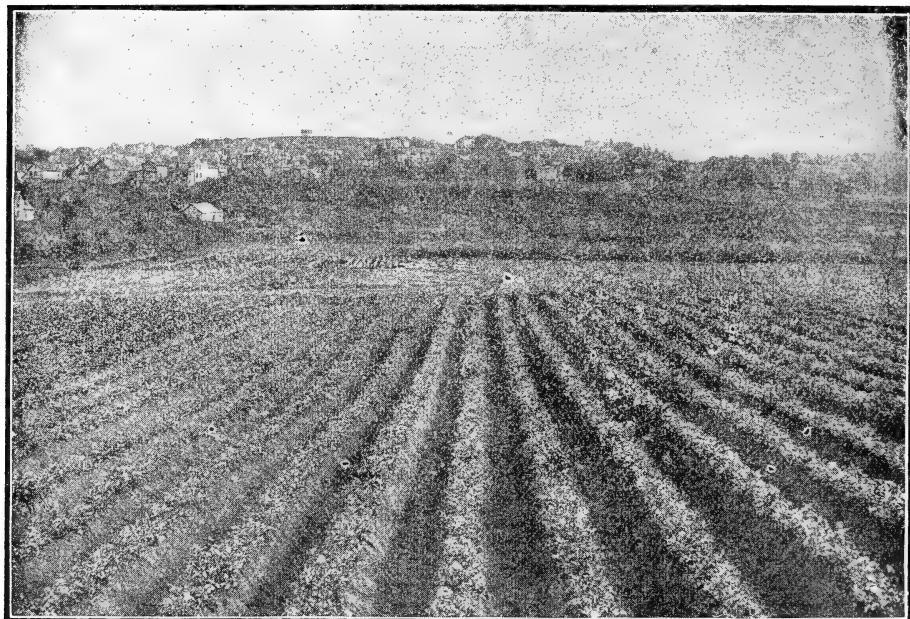
THIS CUT SHOWS TRUE SHAPE OF CARROTS.

CARROTS, Gelbe Ruben.

	Per oz.	Per lb
✓ 1. Early French Forcing, nearly round, small, very early,	\$ 10	\$1 00
2. Early Horn, scarlet, very early,	10	1 00
✓ 3. Danver, medium size, orange yellow,	10	90
✓ 4. Chantenay, finest quality for table, dark orange	10	90
✓ 5. Rubicon Half Long, rich, dark orange, (Improved Danver)	10	90
✓ 6. Saint Vallery or Point Rooted Danver,	10	75
✓ 7. Large White Vosgas, for cattle, large yielder,	10	60
✓ 8. Half Long Pointed, St. James' new, red	10	65
✓ 9. Altringham, red for butter,	10	60
✓ 10. Long, Orange Green Top, yellow, very productive,	10	60
✓ 11. Large White Belgian, very productive,	10	60
Meaux Large, dark orange stump rooted, smooth, fine for table, .	10	1 00
✓ Oxheart (or Guerande), thick stump rooted,	10	75

USE OUR GROUND BONE, SHEEP FERTILIZERS AND LAWN
SEED. GLASS, PUTTY, HARDWARE AND TIN SHOP.

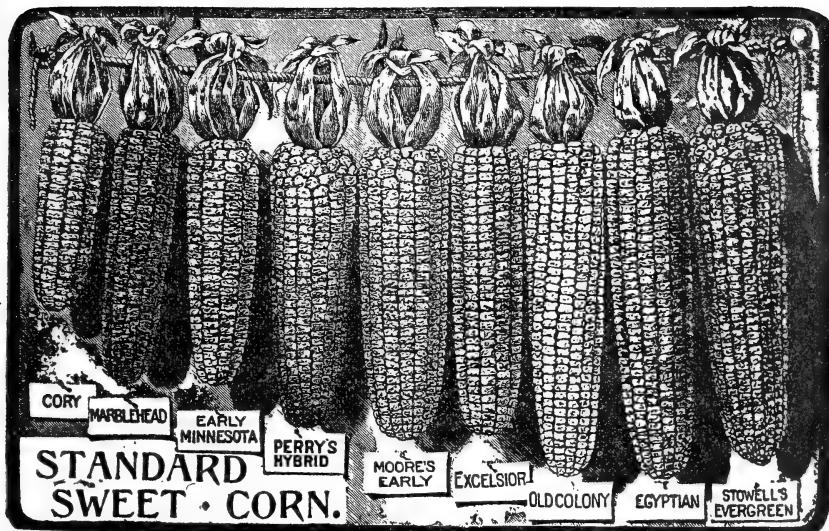
F. H. EBELING, SEEDS AND HARDWARE.



A FIELD OF OUR WHITE PLUME AND PARIS GOLDEN CELERY.

Grown by Sebastian Smith on Grand Avenue, This City.

CELERY, Selerie.	Per oz.	Per lb
BOSTON MARKET. Popular in the markets of Boston; a strong grower, remarkably tender and crisp,	\$ 20	\$1 50
CRAWFORD'S HALF DWARF. Very solid, creamy white when blanched; fine flavored,	20	2 00
DWARF GOLDEN HEART. Resembles the Half Dwarf White in habit of growth; very solid and the heart is of a golden yellow when blanched; excellent keeper,	20	2 00
PARIS GOLDEN SELF BLANCHING. Our strain of this variety is unequalled and absolutely reliable; this sort is without doubt the finest early Celery in cultivation. It is perfectly solid, of a fine, nutty flavor, attains a good size, and when blanched is of a handsome golden yellow,	40	4 00
EVANS' TRIUMPH. Fine green variety, large and solid,	30	2 00
GIANT PASCAL. The largest variety grown, is also the best keeper; of fine, nutty flavor, very easily blanched; deservedly popular for fall and winter use	20	1 75
GIANT WHITE SOLID. Attains large size, is a quick grower, solid, crisp and a good keeper,	20	1 75
WHITE PLUME. A well known and perhaps the most popular variety of Celery; very early, ornamental, and for quality surpassed by none,	20	2 00
KALAMAZOO WHITE SOLID DWARF. Grown extensively by Celery growers at Kalamazoo, Michigan; a dwarf white variety, easily blanched; a good keeper and popular as a shipper,	30	2 00
NEW ROSE. The best of all the red or pink varieties, combining hardiness, solidity and keeping qualities; for crispness, and fine, nutty flavor, it has no superior,	30	3 00
PERFECTION HEARTWELL. A large, solid, fine flavored, sort of creamy white color; a fine winter sort,	20	2 00
SUTTON'S SUPERB PINK. The finest of all Celery for family use,	30	4 00
PINK PLUME. Practically identical with Improved White Plume, but with the added merit of the stalks being richly suffused with pink,	30	3 00
SOUP CELERY. Seeds for flavoring soups, pickles, etc.,	15	.75
CELERIAC. Large smooth or turnip rooted Celery,	20	2 00
CHICORY, Chicorée.		
Improved Large Leaves for Greens,	15	.75
Large Rooted for Coffee,	15	.75



SWEET CORN.

Per qt. Per bu.

PREMO —The earliest and best sweet corn in existance, early as the "Early Adams". for description see page 5.	30	\$ 5 00
EARLY MONARCH —Very white, 12 14-row, large, early as Ballard, frequently 2 ears on a stalk, very sweet, most desirable, second early in the market,	30	5 00
PEEP OF DAY —Extremely early, pure white, small cob, very sweet,	30	5 00
CORY RED —Earliest 8-row, red cob 6 inches long,	25	4 00
CORY WHITE —Similar to Cory Red,	25	4 00
MARBELHEAD —Extra early, Red Cob, very fine,	22	4 00
PERRY'S HYBRID —Early 12-rowed, large ears, stalks of strong growth, 2 ears to the stalk,	25	4 00
EARLY MINNESOTA —8 rowed, large sweet kernals fine standard sort,	25	4 00
CROSBY EARLY —12-row, second early, 10 to 12 row, medium size,	25	4 00
BALLARD'S RED COB —Similar to Perry's Hybrid,	25	4 00
EARLY EVERGREEN —12 rows. 10 days earlier than Stowells,	22	4 00
MOORE'S EARLY CONCORD —Large, handsome 14-rowed, fine quality,	25	4 00
ASYLUM —Large, fine late,	25	4 00
SHAKER'S —Early, large ears, fine quality,	25	4 00
EGYPTIAN —Large, very late, tall growing, very sweet tender, fine for canning,	25	4 00
STOWELL'S EVERGREEN —Extra fine quality, stalks of strong growth, 2 ears to the stalk, very sweet, large kernals and slender cob,	20	3 00
COUNTRY GENTLEMAN —A cross of the Stowell's Evergreen and Ne Plus Ultra, slender and deep kernals, very productive and sweet,	25	4 00
BLACK MEXICAN —Medium early, 8-row, very sweet,	25	4 00
HICOX'S IMPROVED SUGAR —Very fine late, large ears, popular canning variety,	25	4 00
ANGEL-OF-MIDNIGHT ,		2 00
EIGHT-ROWED YELLOW ,		1 50
EIGHT ROWED WHITE ,		1 25
PRIDE OF THE NORTH ,	75 to	1 50
LEAMING —Early fodder corn,	75 to	1 50
"SOU" —Fodder corn,		1 50
EVERGREEN —Sweet corn for fodder,		2 00
IOWA GOLD MINE ,		1 50
HURON DENT ,		1 50

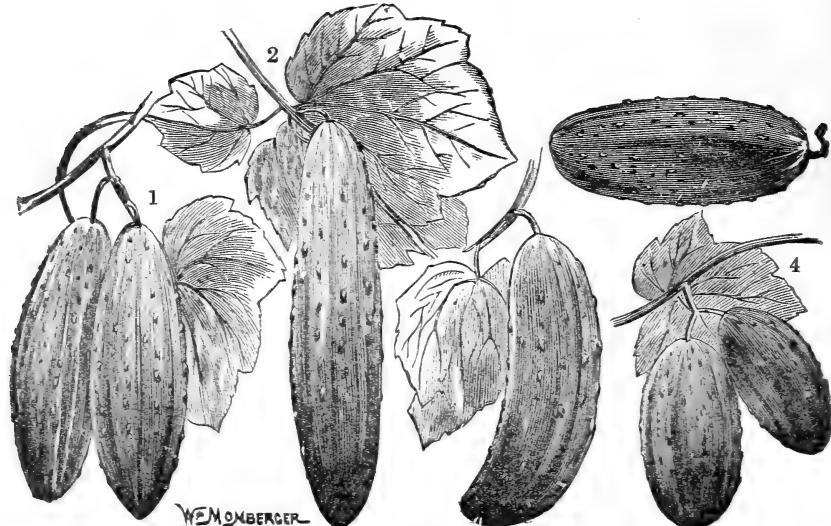
Per oz. Per lb.

CORN SALAD , Ackersalat. Large round leaved or small seeded,	\$ 15	\$.75
CHERVIL , Gartenkerbel. Curled,	20	2 00
CRESS OR PEPPERMINT , Kresse.		
CRESS—Garden curled,	10	.75
WATER CRESS—DWARF—Fine curled,	25	2 50

SPECIAL PRICE ON SEED FOR CASH.

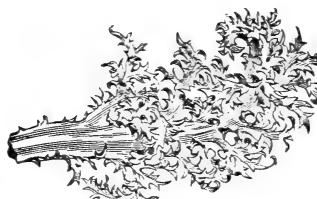
BARGAINS IN PLOWS.

Bei uns wird Deutsch gesprochen.

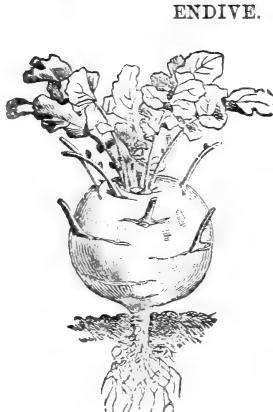
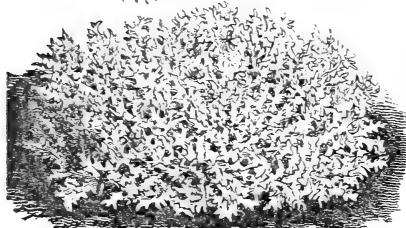


THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White spine.



ENDIVE.



KOHL-RABI.

CUCUMBER, Gurke.

Per oz. Per lb

Arlington, A selection from the White Spine, which is more pointed at each end. The young fruits are unusually crisp and tender and are of very dark green color; fine for small pickles	Pkt. 5c;	\$ 10	\$.75
Cumberland, handsome green—straight, firm, solid, crisp—very desirable,	10	75	
Hill's Forcing Early White Spine,	10	75	
Fordhook White Spine,	10	75	
Green Prolific, extra early,	10	75	
Early Russian,	10	75	
Early Frame,	10	75	
Early Cluster,	10	75	
White Spine, Improved ext. stock,	10	75	
Long Green,	10	75	
Giant Pera,	per pkt.,		20
Telegraph, per doz., seed,	"	25	
West India Gherkin,	"	25	

EGG PLANT, Eierpflanze.

Per oz. Per lb

New York Improved,	35	8 00
Black Pekin,	30	8 00

ENDIVE, Endivien.

Yellow Early (not curled),	20	1 50
Green Curled Winter,	20	1 25
Fine Curled Summer,	20	1 50
Broad Leaf or Escarola,	20	1 50

GARLIC, Knoblauch. Sets 10 80**HERBS, See page 17.****KALE, or Borecole. See Borecole.**

Green Curled,	15	85
Siberian Curled, German Greens,	15	75

KOHL-RABI.

White, above ground,	25	2 00
Purple, above ground,	25	2 50

LEEK, Lauch. London, broad flag, 20 1 00



GRAND RAPIDS LETTUCE.

YELLOW SEEDED BUTTER—Cabbage Butter head, medium large, medium green, leaves crumpled and rather thick. Is similar or same as silver ball.

WONDERFUL—Curled or crisp, heading, dark green, heads somewhat conical.

GIANT WHITE COS—Large size, medium light green, is quite tall, forms a good head.

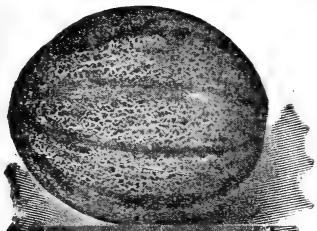
DEACON HEAD—Cabbage butter head, medium size, medium green, leaves thick. Does not form a decided head but a well folded one, which is very oily and golden yellow inside.

DENVER MARKET—Cabbage, butter head, medium small size, medium green. One of the old standard varieties, and in our experience have found it identical with White Seed Tennisball.

BIG BOSTON—A fine large-heading forcing sort, and succeeds well in cold frames during the winter. The plants are very hardy and vigorous. When well grown, the heads are beautifully blanched and quite tender.

NEW YORK HEAD—Curled or Crisp as Iceberg, dark green heads somewhat conical.

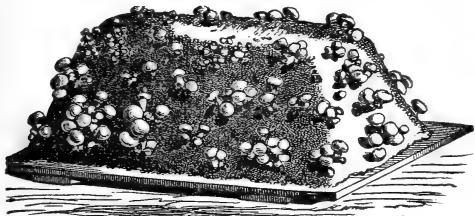
BLACK SEED TENNISBALL—For hot bed culture but not for green-house culture.



PAUL ROSE MUSK MELON.

	Per oz.
Green Citron Musk Melon	10
Surprise-round yellow flesh medium size	10
Tip Top--a very fine yellow fleshed market melon	10
Emeral Gem Greenflesh	10
"Osage" Green Flushed	10

	Per oz.	Per lb.
Onondaga Musk Melon—This new early, large, fine oblong, netted, green fleshed melon was originated in this city by Nathan Rose. A great yielder, very hardy, firm fleshed, attractive in ap- pearance a ready seller	\$ 10	\$1 00
Paul Rose or Petosky—fine salmon fleshed	10	1 00
Rocky Ford--new, green flesh	10	1 00
Delmonico Round, deep orange, very pro- ductive, early	10	1 00
Miller's Cream or Osage, very fine, deep Salmon flesh	10	1 00
Per lb. Nutmeg, fine netted, extra early \$1 00 green	10	1 00
Large Nutmeg or Improved Cantelope, green flesh	10	1 00
Montreal Market Musk, green flesh,	10	1 00
Hackensack, very fine, green		1 00



MUSHROOM BED

For full particulars how to grow them, see our book on Mushroom growing listed on front inside page of cover.

MUSHROOM SPAWN.

Mushrooms may be grown wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted. It takes about two months to begin bearing.

Price, 25 cents per pound.



A field of our Yellow Globe Danver Improved Onion.

WATERMELON. Wassermelone

Per oz. Per lb

Sweet Heart, early, large, hand-some,	\$ 10	\$ 75
Phinney's Early, red flesh,	10	75
Cole's Extra, early,	10	75
Mountain Sweet, old favorite,	10	75
Black Spanish, round, dark green with red flesh,	10	75
Icings or Ice Cream,	10	75
Green Citron, for preserves,	10	75
Victor,	10	75
MARTYNIA, for pickles,	40	3 25

NASTURTIUM,

Tall (See Flower Seed),	10	75
Dwarf,	15	85

OKRA or GUMBO.

Dwarf, white,	10	75
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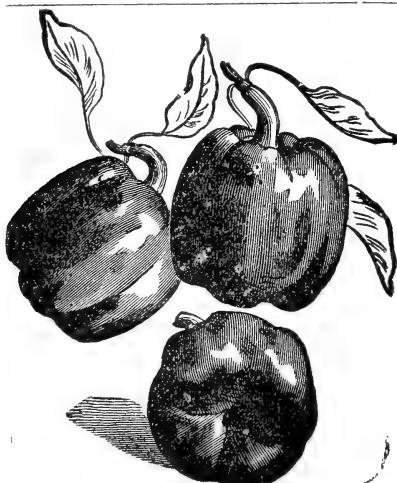
MUSHROOM SPAWN.

English,	25	
MUSTARD, Senf.		
White,	05	35

Brown,	05	35
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ONION. Zwiebel

	Per oz.	Per lb
✓ Southport Yellow Globe,	20	3 00
✓ Michigan Yellow Globe,	20	3 00
✓ Ohio Yellow Globe,	20	\$3 00
Yellow Globe Danvers, Improved,	20	3 00
✓ Flat Danver Yellow,	20	2 75
✓ Prize Taker,	20	3 00
✓ Extra Early Red, early, flat,	20	2 50
✓ Southport, Red Globe,	20	3 00
✓ Large Red Wetherfield,	20	3 00
✓ California Early Red,	20	2 50
Bolton Seed produces the Bolton Sets,	25	3 50
✓ White Silverskin or Portugal for bunching,	25	3 50
✓ Southport White Globe,	25	3 50
✓ Mammoth Silver King,	25	3 50
✓ Barletta,	25	3 50
Top Onion Sets		
Bolton "		
Yellow "		
White "		
Potato "		
		Market Price



BELL OR BULL NOSE.

PARSLEY. Peterselia

	Per oz.	Per lb
Champion Moss Curled,	\$ 10	\$ 75
Fern Leaved,	10	75
Extra Double Curled,	10	75

PARSNIPS. Pastinake

Long White,	10	50
Hollow Crown, thick shoulder,	10	50

PEPPER. Pfeffer

Rose Mammoth, extra Bull Nose,	25	2 50
Bell or Bull Nose, extra large,	25	2 50
Ruby King, extra long,	25	2 50
Long Red Cayenne,	25	2 50
Mountain Sweet, for stuffed pickles,	25	2 50
Celestial, new,	25	2 50
Red Cluster or Red Cherry,	25	2 50
Chili, small, for dinner sauce	25	2 50
Birds Eye or Creole, extremely hot, small red,	25	3 00

F. H. EBELING, SEEDS AND HARDWARE.

15

PEAS. Erbsen

	EXTRA EARLY SORTS.	Per qt.	Per bu
*Thomas Laxton.	A fine cropper, big podded like Gradus, and fully as early.		
In fact it is an improvement on the Gradus, 3 feet,		40	\$ 9 00
*Gradus or Prosperity, pods big as Telephone, early as Alaska, 3 feet		\$ 40	9 00
Cleveland's Alaska, one of the earliest blue peas, about 2 1-2 feet		25	4 50
Perry's Forty-two day, the best extra early, about 2 feet		25	3 50
Philadelphia Extra Early, resembling First and Best, about 2 feet,		25	3 50
Improved Daniel O'Rourke, 2 1-2 feet, a favorite among gardeners,		25	3 50
*New Surprise, very early, 2 feet. See below on this page		30	5 00

DWARF VARIETIES.

*Dwarf Telephone or Carters Daisy,		30	5 00
*Dwarf Champion 2 feet, equal to Champion of England. See below, this page		30	5 00
*Nott's Excelsior, early, large pods and very prolific, very early.		30	5 00
*Sutton's Excelsior. An extra early dwarf wrinkled Pea, fully as early as the American Wonder, with much broader pods filled with large peas of the finest flavor, and produced in greater abundance.		40	10 00

*American Wonder, green, 1 foot, extra early and productive		30	5 00
*Premium Gems, very early, fine dwarf, 15 inches,		30	5 00
*McLean's Little Gem, very fine, popular, 1 foot, early.		30	5 00

SECOND EARLY and LATE VARIETIES.

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best,		25	5 00
*Bliss, Abundance, 2 1-2 feet, round pods, fine yielder,		25	5 00
*Bliss, everbearing, 2 1-2 to 3 feet, pods 3 inches, fine quality,		25	5 00
*McLean's Advancer's, True, long pods, fine quality, 2 1-2 feet,		25	5 00
*Champions, very fine, old favorite, 4 feet		25	3 50
*Horsford's Market Garden, good cropper, similar to "Advancer" very prolific pods packed with peas, 2 1-4 feet,		25	5 00
*Ebeling's Telephone, the finest large second early pea in the market, 3 ft.		25	5 00
Duke of Albany Peas. Similar to Telephone in size, color and general market purposes. The pods beautiful dark green; fully as large as Telephone and a splendid keeper. Will hold color and freshness for three days after being picked,		25	5 00
*Yorkshire Hero, large, late, very productive, 2 1-2 feet,		25	4 50
Melting Sugar, edible pods, 4 to 5 feet, use same as Snap or String Beans,		25	5 00
Gray Sugar, edible pods, 2 feet,		25	5 00
White Dwarf Marrowfat, 2 feet		15	2 50
Black Eyes, very early and prolific, 3 feet,		10	2 50
Canada Field			Market Price

Wrinkled varieties marked thus*

THE ADMIRAL. Vines vigorous, about four feet high. Pods usually borne in pairs in great abundance; two and one-half inches long, crowded with six to nine peas. Ripens with Telephone or a little later.

30 5 00

NEW SURPRISE PEA.

This remarkable new sort is a cross of Earliest of all and American Wonder, possessing the quality of the American Wonder and is the Earliest of the Hard Peas. The vine grows 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 peas. "Of 33 varieties on trial it was the first to pick and the first to dry down." Prices 30 cts per quart; \$5.00 per bushel.



POTATOES.

	Per bu	Per bu
Early White Ohio, \$2.00	Bliss Early Prolific	
See description on page 19.	Irish Cobbler	1.25
Early Ohio, Jr. 1.25	Rural New Yorkers	1.00
Early Ohio 1.25	Carmen	1.00
Early Rose 1.00	Early Beauty of Hebron	1.25

PUMPKIN SEEDS.

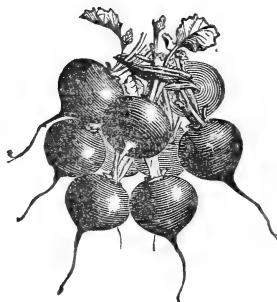
Connecticut Field . . . per lb., 12; . . . per bu., \$3.00		
Cashaw Pumpkin, fine table	per lb.. .75	
Cheese Pumpkin	per lb., \$.60	
Mammoth Prize Pie,	per pkt., .10	

NEW DWARF CHAMPION

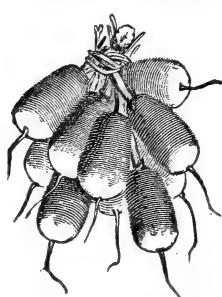
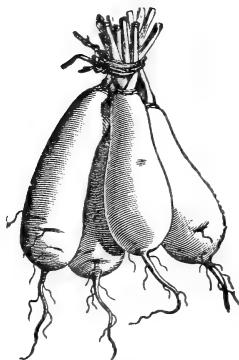
Names of a few gardeners who have dealt with this house continuously from 21 to 37 years		
Charles B. Day, Waterloo, 23 years	James McClure,	23 years
J. N. Rose, Syracuse, 38 "	John Butler, Onondaga Valley,	35 "
S. B. Babcock, Fulton, 30 "	A. H. Ballard, East Onondaga,	25 "
Albert Wright, Syracuse, 38 "	George Craddock, Onondaga,	37 "
The late Henry Burt, Syracuse, 33 "	Henry Wright, Syracuse,	38 "
William Lambert, Salina, 25 "		

Also hundreds of others who have dealt with us 5 to 26 years.

F. H. EBELING, SEEDS AND HARDWARE.

DEEP SCARLET TURNIP
RADISH.

SMALL TOP. NEW.

FRENCH BREAKFAST
RADISH.CHINESE ROSE WINTER
RADISH.**RADISH.** Radischen. Our Seed is the very best imported.

	FRENCH STOCK.	Per oz.	Per lb
✓ Early Scarlet Globe,	\$ 10	\$ 75	
✓ Ne Plus Ultra Deep Scarlet Turnip,	10	75	
✓ Early Scarlet Turnip, white Tipped (rosy gem)	10	75	
✓ Early Deep Scarlet Turnip, forcing,	10	75	
✓ Early White Box or Turnip,	10	75	
✓ Early Deep Scarlet, olive shape, small top,	10	75	
✓ White Olive Shaped or Newcombe,	10	75	
✓ Yellow Turnip, white flesh, summer,	10	75	
✓ French Breakfast, white tipped,	10	65	
✓ White Giant Stuttgart, summer, very large,	10	75	
✓ Early Long Scarlet, short top,	10	75	
✓ Long White Vienna or Lady Finger, excellent,	10	75	
✓ Charlier Long, white tipped,	10	75	
✓ Scarlet Chinese Rose Winter, fall variety,	10	75	
✓ Round Black Spanish Winter, German favorite,	10	60	
✓ Long Black Spanish, winter, black skin, white flesh,	10	60	
✓ White Giant Spanish, winter,	10	60	
✓ White Stasburg, fine, solid, large, summer,	10	60	
✓ White Russian, very large, winter,	10	60	
✓ California Mammoth White, winter,	10	60	
Special prices in quantities.			

SAGE, 20 2 00**SALSIFY.** or Vegetable Oyster, Bocksbart.

Large White,	10	1 20
Mammoth Sandwich Island, new,	10	1 00

SORREL. Large Leaved French,**SPINACH.** Spinat. 25 lb. lots special prices.

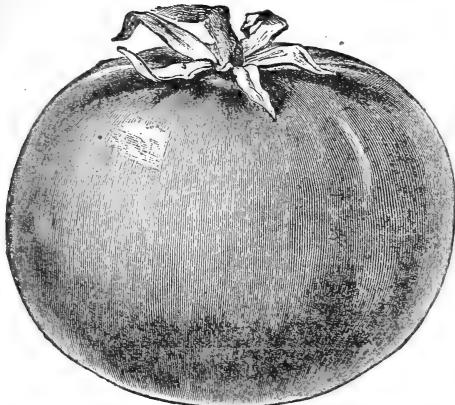
✓ New Zealand. This is not a Spinach of the ordinary type, but a plant of branching growth. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. The young branches and leaves can be gathered at any time and prepared like Spinach,	Pkt. 5c; 1-4 lb. 30c	10	1 00
✓ Early Giant Thick Leaved. An early maturing sort, with large leaves of fine, deep color,	5	25	
✓ Round Summer Broad Leaved. Preferred in the north for early spring sowing, and is the most popular with our market gardeners. The leaves are large, thick and fleshy. Though not quite as hardy as the Prickly Winter, stands exposure well,	5	25	
✓ Round-Viroflay. (Thick leaved.) Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing,	5	25	
✓ Norfolk Savoy, or Bloomsdale. Large curled and wrinkled leaves; tender, of finest flavor,	5	25	
✓ Long-Standing. (Round, Thick-leaved.) Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing,	5	25	
✓ Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality; remains in prime condition from two to three weeks after all other varieties have run to seed; a fine variety for spring sowing,	5	25	
✓ Prickly or Winter. Vigorous and hardy, and recommended for fall sowing,	5	25	

SQUASH. Kurbis.

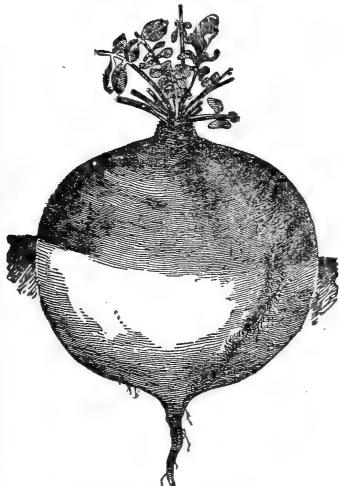
Per oz.	Per lb	Per oz.	Per lb
The Delicious, new,	\$ 10 1 00	Hubbard, winter, fine stock,	\$ 10 \$ 85
Golden Hubbard,	10 1 00	Boston Marrow, old variety, fall,	10 75
Golden Bush Scallop,	10 85	Butman, nearly like Hubbard,	10 75
Early Scallop, white,	10 85	Marblehead, like Butman,	10 85
Giant Summer, Crook-neck,	10 85	Vegetable Marrow,	10 85
The Faxon, very early,	10 85	Fordhook,	10 1 00

TOBACCO SEED. Tobacco Samen.

Wilson's Hybrid, per oz. 50. Haynes, sealed, per oz. 50



CHALK'S EARLY JEWEL.

RUTA BAGA AMERICAN PURPLE
TOP TURNIP.**TOMATO.** Liebesapfel.

	Per oz.	Per lb
Sparks Earliana, largest early scarlet on the market,	\$ 40	\$8 50
Chalk's Early Jewel, see pp. 5	40	3 50
New Scarlet Stone,	25	2 50
Early Ruby, bright scarlet,	25	2 50
Atlantic Prize, bright red,	25	2 50
Ignotum, new, deep red,	25	3 00
Dwarf Champion, pink,	25	2 50
Scovill's Hybrid,	25	2 00
Livingston's Beauty, pink,	25	2 25
Livingston's Magnus, new,	30	2 50
Livingston's Favorite, pink,	25	2 25
Livingston's Perfection, scar- let,	25	2 50
Acme, purple,	20	2 00
Lorillard, early bright red,	25	2 50
Paragon, bright red,	25	2 50
Ponderosa, very large, red,	25	3 00
Trophy, large and solid, red	25	2 25
Dwarf Aristocrat, scarlet,	25	3 00
Yellow Husk,	3c paper	
Golden Queen,	3c "	
Yellow Plum,	3c "	
Purple Husk,	3c "	

TURNIP. Steckrube

	Per oz	Per lb
✓ LONG ISLAND IMPROVED RUTA BAGA TURNIP.		
This very desirable variety is nearly globe shaped with absolutely no neck. The flesh is firm and very tender; color on outside white with purple top, while the inside is pale yellow. Has the same flavor and richness of ordinary Ruta Baga without the strong flavor. In fact it bears the same relation to the Turnip as the Cauliflower to the Cabbage.	\$ 10	\$ 50
✓ Cow Horn, or Long White. Pure white, except a little shade of green at the top carrot-like in form, growing nearly half out of the ground and slightly crooked. Delicate and well flavored, of very rapid growth and has obtained considerable favor for fall and early winter use,	10	50
✓ Extra Early White Milan,	10	75
✓ Purple Top, strap leaf, flat white,	10	50
✓ Mammoth Purple Top White Globe,	10	50
✓ Golden Ball or Orange Jelly,	10	50
✓ White Norfolk, large, fine summer, globe shape	10	50
✓ Early White Stone, very fine,	10	50
✓ White Dutch, flat,	10	50
✓ Yellow Aberdeen,	10	50
✓ White Sweet Waldo or German,	10	50
✓ Skirving's Yellow Ruta Baga, purple top, very large	10	50
✓ Laing's Improved Swede, white,	10	50
✓ Carter's Improved Swede, yellow,	10	50

SWEET HERBS.

Anise, seeds aromatic,	5c
Balm, has medicinal qualities,	5c
Basil, sweet,	5c
Borage, leaves used for salad,	5c
Caraway, seeds aromatic,	5c
Chives,	5c
Coriander, seeds aromatic,	5c
Dill, seeds aromatic and medicinal,	5c
Fennel Sweet, seeds aromatic,	5c
Horehound,	5c
Lavender, leaves aromatic,	5c

SWEET HERBS.

Marjoram, leaves used in seasoning,	50
Mint (peppermint),	50
Rosemary, aromatic,	50
Rue, medicinal qualities,	50
Saffron, medicinal qualities; also dyeing,	50
Sorrel,	50
Sage, culinary herb,	\$1.40 lb
Savory Summer, culinary herb,	5c
Tarragon or Estragon (roots),	
Thyme, culinary herb,	50
Wormwood, medicinal qualities,	50

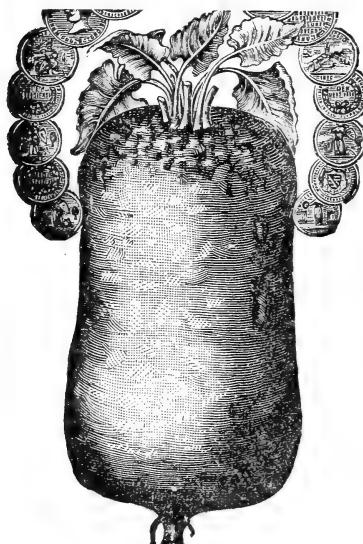
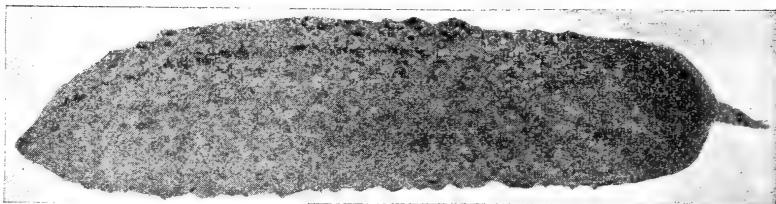
WE CARRY A FULL LINE OF HARDWARE, GLASS AND PUTTY.

USE OUR SPECIAL LAWN DRESSING AND AVOID FOUL WEEDS.

Bei uns wird Deutsch gesprochen.

VICKERY'S FORCING CUCUMBER.

Probably the finest strain both for forcing and for outdoor cultivation in the United States. Every greenhouse man considers himself fortunate if he gets it. After an effort continued through several years, we were most fortunate in securing a small stock of seed from Mr. Vickery, for years famous in Eastern Massachusetts for the high quality of his cucumbers. It starts with us perfectly pure, and we have prefixed Mr Vickery's name to the strain we offer as a guarantee that we hold ourselves responsible in the future to select stock and so isolate it that the highest standard shall be maintained. The characteristics of this fine cucumber are, that while it has retained some of the best traits of the White Spine which is one of its parents, it attains a greater length, holds its rich green color well down to the end and is a wonderful cropper, the ground being almost literally covered with perfect fruit. Market gardeners will find that this cucumber does as well out of doors as under glass. Price per oz., 60c.; per 1/2 lb., 15c.



NEW IDEAL MANGEL.

THE IDEAL SUGAR MANGEL BEET.

A new and original mangel, a perfect chunk of a beet, as shown by the cut, indicating easy harvesting on hard soils. The quality of this new mangel, as shown and fully demonstrated on the trial grounds and by laboratory tests, proves it, as compared with thirty other varieties:

The greatest yielder; contains the highest amount of dried substance; contains the greatest amount of sugar; grows well above ground; therefore making the most valuable feeding beet known. Size, quality and yield, THESE THREE POINTS are very important and should not be overlooked.

We have only a limited quantity to offer this season. Price, 50c per pound while it lasts.

DETROIT DARK RED BEET.

The best Early Beet on the market. Very popular with our gardeners.

We find this to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per pound, postpaid, 75c.; per 1/4 pound, 20c.; per ounce, 10c.: per package, 5c.

RUBICON CARROT.

A very fine medium sized stump rooted orange yellow early market variety. A decided improvement over the Danver.

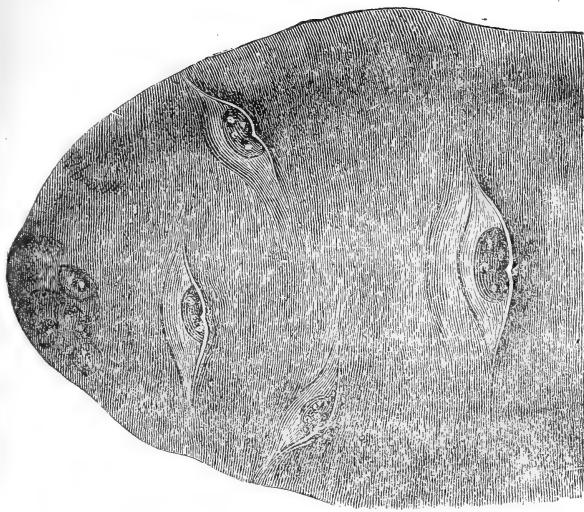
LAWN SEEDS.

The best Lawns of Syracuse show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaption to soils, height, color, etc., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We are sure there is no better mixture for lawns than ours. Our Lawn Seed is strictly pure. We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use only fibrous rooted perennial grasses that will stand the drouth and close cutting without injury. We select grasses that harmonize in size and color in order to produce a fine velvety appearance and form a thick covering on the ground. 1 lb. 25c; 100 lbs., \$18.00



"A Beautiful Lawn."

Fine Sods for Lawns. Prices on Application.



THE WHITE EARLY OHIO POTATO.

This is the same as the good old Early Ohio, except that it is white. This feature will make it a money maker, as the market prefers the white potato every time. We have some very choice stock grown on muck especially for our trade. This is a great addition to the Early Potato family, and will be appreciated by the growers of Early Market Potatoes, and will overcome the great objection to Northern grown early sorts on account of color. Price while they last, \$2.00 per bushel.

IMMENSE CROPS WITHOUT FERTILIZERS.

A New, Sure and Easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen-gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

PRICE LIST.

Nitro-Culture sufficient to inoculate the following seeds per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa,	per acre, \$2.00	Wax Beans,	per acre, 2.00
Red Clover,	" 2.00	Soy Beans,	" 2.00
Crimson Clover	" 2.00	String Beans	per acre, \$2.00
Garden Peas, 1-2 acre	1.00	Vetch	" 2.00
Sweet Peas 1-2 acre,	\$1.00	Lima Beans,	" 2.00

BEARDLESS BARLEY.

This is a fine yielder, with a strong growth of straw. A barley without the objectionable beards, which gives it a superior feeding value. These features combine to make it the best and most profitable Barley known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price \$1.25 per bu.

SAN JOSE SCALE. Formula—50 lbs. of lime, 50 lbs. of sulphur and 50 lbs of salt to 150 gallons of water boiled together for an hour has been found to give the best results. The mixture should be strained through a fine screen to remove the grit and sediment and prevent clogging of the pump.

IF in doubt what to sow on your land sow clover seed. You can't have too much of it and feed it out on the farm.

TO PREVENT SMUT IN OATS. Formula—1 pt. of formalin to 20 gal. of water, wet 20 bu. or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc., for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

THE MAN who makes two weeds grow where but one grew before by sowing the seed on his well prepared soil is a fool. Buy Clean Seed.

WEED SEED is a dear purchase at any price. The home supply is more than enough.



BEARDLESS BARLEY.



Alfalfa or Lucerne Clover.

Grass revels in cool moist soil, and its roots make ready through winter for the summer growth above ground. In spring the soil, especially if it has been long under tillage, dries all too quickly, being poor in humus, and the air being warmer than the ground stimulates top growth of new seedling before the root formation is able to sustain it, the young grass, therefore, has a struggle for life.

If grain has been sown with grass its more vigorous seedling robs the grass plant of moisture to such an extent that it is often killed outright, and the farmer bewails the "uncertain season" that caused him to lose his seeding.

WE OFFER CLOVER, GRASS AND, FIELD SEED.

Clover, Red	Amber Cane,
" White,	Dwarf Essex Rape,
" Crimson,	Peas, Canada,
" Alfalfa	" Black Eye,
" Alsike,	" Cow,
" Bokhara,	" Early and Late,
" Sainfoin,	Rye, Spring,
Timothy, Recleaned,	" Winter,
" Choice,	Corn Leaming,
" Prime,	" Pride of the North,
Red Top,	Sweet,
Blue Grass,	Pop,
Orchard Grass,	" Field,
Millet, German,	Wheat, Spring,
" Hungarian.	Oats, Seed
" Common	Flax Seed,
Barley,	Broom Corn,
Buckwheat	Quack Seed,

We Offer Choice, Well-Cleaned, True to Name, Varieties of Following Seeds at Reasonable Prices.

SPRING RYE—\$1.50 per bushel.

SPRING WHEAT—\$1.50 per bushel.

COW PEAS—\$2.50 per bushel.

DWARF ESSEX RAPE—\$6.50 per 100 lbs.

FIELD CORN—White or Yellow, \$1.50.

HURON DENT CORN—\$1.00 to \$1.50 per bushel.

IOWA GOLD MINE—\$1.00 to \$1.50 per bushel.

LEAMING CORN—\$1.00 to \$1.50 per bushel.

PRADE OF THE NORTH—\$1.00 to \$1.50 per bu.

JAPANESE MILLET—\$1.50 per bushel.

ALFALFA

ALFALFA—We offer a fine pure native-grown Alfalfa Seed, tested by the Department at Washington, and the Agricultural Station at Geneva.

Sow 30 pounds to the acre. Its feeding value is nearly double that of Timothy Hay, and it can be fed green or dry. Nitro Culture will enable it to grow on the ordinary soils. A thorough and careful use of this Culture is recommended. A field of Alfalfa is a little "Gold Mine" on any farm.

Price for first-class seed \$9.50 per bu. at the present ruling market price. The crop of native seed is very short and would suggest buying early.

ALSIKE

This hybrid clover does well on strong clay soil, and thrives especially well on moist or low land. It is the proper companion for timothy, the stout stems of the latter sustaining the slender Alsike and the mixture making the best of hay, ranking as No. 1 timothy in market. Alsike has high value, also, as a renovator of marshy land, as it drives out the sedges and other wild growths. It has no tap root but a mass of fine laterals, hence it does not winter kill by heaving. As both hay and pasture, it is greatly relished by all stock. Red Top Alsike and Timothy thrive equally well together. Price varies according to quality.

FALL SEEDING

At this season the ground is warmer than the atmosphere; the gradual reduction of temperature checks leaf growth, while the warmer soil invites a vigorous root formation which continues until the ground is frozen, and is resumed at every thaw.

SPECIAL GRASSES.

	Wt. per bu.	Per lb.	100 lbs
Bromus Inermis Grass.....	12	15c	\$12 00
Creeping Bent.....	24	25c	20 00
Meadow Foxtail.....	9	35c	25 00
Sweet Vernal.....	11	20c	15 00
Tall Oat Grass.....	13	25c	20 00
Crested Dogtail	30	30c	25 00
Sheep's Fescue.....	16	20c	14 00
Hard Fescue.....	20	20c	12 00
Meadow Fescue	27	20c	15 00
Tall Meadow Fescue.....	22	25c	20 00
Red Fescue	24	25c	20 00
Rough Stalked Meadow.....	26	40c	35 00
Pacey's English Rye Grass.....	28	15c	10 00
Italian Rye Grass	22	12c	10 00
Wood Meadow Grass.....	19	40c	35 00

Special prices given for quantities on any of the above varieties.

GOLDEN MILLET—\$1.50 per bushel.

HUNGARIAN—\$1.25 per bushel.

KAFFIR CORN—\$1.25 per bushel.

WHITE SEED OATS—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.

SPELTZ—\$1.00 per bushel.

SOY BEANS—\$2.75 per bushel.

AMBER CANE or SORGHUM—\$2.75 per bushel.

BUCKWHEAT—\$1.00 per bushel.

U. S. N. MARINE PAINTS FOR HOUSE PAINTING.

Why You Should Use Them.

1st.—The tendency of White Lead and Oil—cold mixed by hand—is to separate Factory processes and facilities produce a far better unity and greater permanency.

2nd.—By our process of manufacture from 30 to 40 per cent. more oil is incorporated, therefore U. S. N. Marine Paints are far more limpid in spreading, more glossy in appearance, more durable—Linseed Oil being the preservative.

3rd.—**Colors more Permanent.** U. S. N. Marine Tints are so produced as to fasten the shade. Colors, cold mixed, are soon affected by exposure; especially is this noticeable in Greens, often many different shades being seen on same building. The U. S. N. Marine Green is pronounced wherever used as the most permanent manufactured.

4th.—While the cost per gallon is higher than **cold mixed** paints, less quantity is required to give the degree of opacity needed in producing satisfactory results. It will brush out more, and in thinning as a primer more oil can be added than with other various brands at a lower per gallon price.

U. S. N. Deck Paint.

Nothing equal as a floor and deck paint. Made in sixteen shades (four greens) for porches and interior floors and borders, inside walls and ceilings, kitchen work, hospital walls, boat decks, bottoms of boats, etc.

Note Points of Superiority.

Perfect in drying.
Dries hard in one night.
Perfect in spreading.
Very limpid under brush.
Perfect in wearing.
One coat equal to three of most brands.
Hard enamel surface.
Sanitary: no lodgment for germs and dirt.

Painters are particularly requested to ascertain by practical experience the virtues of this product.

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KEY TO TOOLS ON FOLLOWING PAGES.

No.	Price	No.	Price
1 Solid Shank Hoe.....	\$ 30	51 Steel and Malleable Garden Rakes.....	25 to 60
2 Notched Scuffle Hoe.....	1 00	52 English Lawn and Grass Scythe.....	1 50
3 Narrow Hoe and Rake.....	.50	53 English and American Spades	50 to 1 50
4 Socket Common Hoe.....	.30	54 Latest Pattern Steel Garden Rakes.....	25 to 60
5 Trowel Shape Weeding Hoe	.75	55 All styles of Shovels; large and small.....	50 to 75
6 Onion Hoe, "double end,"..	.50	56 Asparagus, Dock and Weed Digger.....	.50
7 Hoe and Rake, several sizes	.25	57 Weeders.....	.50
8 Potato Hook, several sizes...	.40	58 Waters' Tree Pruner.....	1 00 to 1 50
9 Secor Weeding Hook.....	.10	59 Steel Trowels.....	10 to 50
10 Large Plantation Hoe.....	.50	60 Cleves' Angle Trowel.....	15 to 35
11 Thistle Spud.....	.50	61 Watering Pot.....	25 to 75
12 Thistle Spud for Lawns.....	.50 to .75	62 Watering Pot.....	1 00
13 Pruning Shears, all kinds..	.50 to 1 50	63-64-65-66 Weeders.....	15 to 30
14 Hedge Shears, several sizes	1 00 to 1 75	67-68-69-70-71-72 Thermometers	20 to 1 50
15 Sheep and Grass Shears.....	.50 to 1 50	73 Pruning Saws.....	.75
16 Border Shears with roller, or without.....	.25 to 4 00	75-76-77-78-79 Brass Syringes....	2 00 to 4 50
17 Spud for Pulling Vegetables	.100	80 Double Leaf Rake.....	.65
18 Dutch Hoe.....	.100		
19 Patent English Scuffle Hoe	.35 to .50		
20 Onion and Celery Plow.....	.250		
21 Tack Claw.....	.15 to .25		
22 Pruning and Wood Saws...	.90 to 1 00		
23 Mattock, several sizes.....	.50 to .75		
24 Transplanting Forks.....	.10 to 1 00		
25 Wire Leaf Rake.....	.60		
26 Narrow Mattock.....	.75		
27 Tree Pruners, several styles	.100 to 3 50		
28 Steel Trowels, all grades...	.10 to .60		
29 Flower Gatherer.....	.50 to 1 00		
30 Lang's Patent Weeder.....	.25		
31 Trellis, all sizes.....	.15 to 2 00		
32 Double End Pruning Saw...	.90		
33 Bill Hook.....	.100 to 1 50		
34 Garden Line and Reel.....	.100 to 1 50		
35 Grape and other Scissors....	.25 to 1 00		
36 English Lawn Rake.....	.75 to 1 25		
37 Whittling and Pruning.....	.50 to 1 25		
Knives .....	.50 to 1 00		
38-39-40 English Pruning.....	.50 to 1 25		
Knives.....	.50 to 1 00		
41-42- Budding and Grafting	.50 to 1 25		
Knives.....	.75		
43 Grafting Chisel.....	.100		
44 English Pruning Hook.....	.30		
Knife60 to 1 25		
45 Dibber for transplanting...	.50 to 75		
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47 Floral Sets of four pieces...			
49 Warren Hoe very practical			
50 English and American....			
Grass Hooks.....	25 to 55		

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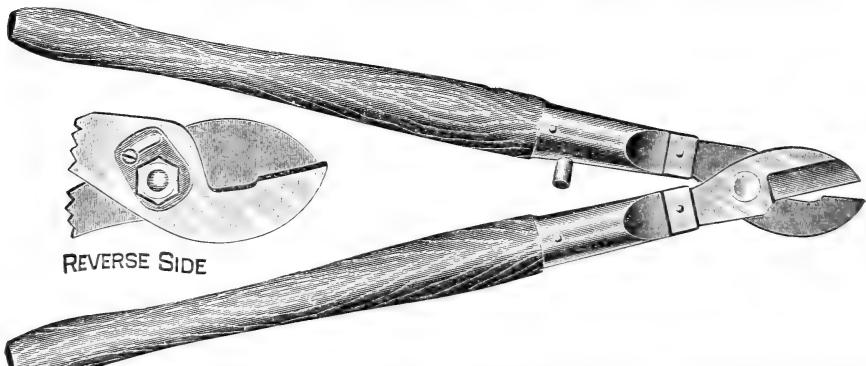
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SELECT FLOWER SEEDS.

- Abobra** (Gourds) Beautiful variety of climbing gourd with elegant foliage. 5c pkt.
- Abronia** (Sand Verbena) Trailing, annual, sweet-scented clusters like verbena, lasting in bloom a long time; for rock-work or hanging-baskets. Height 12 inches. 5c pkt.
- Abutilon** (Chinese bell-flower or flowering maple) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.
- Acacia** Half hardy shrub having ornamental foliage, beautiful shades of yellow, globular flowers. Soak seed in warm water before sowing. Height 6 to 10 ft. Mixed 10c pkt.
- Aconitum** (Monk's hood or Wolfs-bane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 5c pkt.
- Acroclinium** Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. 5c pkt.
- Adlumia** Hardy white perennial, 2ft. high, pure white double flowers, bloom from spring until frost, fine for cemetery decoration. Flowers first season if sown early.
- Adlumia** (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.
- Adonis** (Pheasant's eye) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 5c pkt.
- Ageratum** (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. 5c pkt.
- Blue Perfection** Dark blue, largest flowering, fine bedder. 10c pkt.
- Cope's Pet** Azure blue, fine light blue sort for edging. 10c pkt.
- Dwarf Princess Pauline** Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.
- Mexicanum** Lavender blue. 1 1/2 ft. 5c pkt.
- Imperial Dwarf White** Height 8 inches. 5c pkt.
- Agrostemma** (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 5c pkt.
- Alyssum** (Mad-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.
- Little Gem** (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 5c pkt.
- Sweet Alyssum** Trailing flowers, white. 5c pkt.
- Tom Thumb** Compact, dwarf, fine for edging, white. 5c pkt. 30c oz.
- Saxatile Compactum** (Basket of Gold,) handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 5c pkt. 30c oz.
- Amaranthus** Brilliant foliaged annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.
- Brilliant** Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.
- Caudatus** (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 5c pkt.
- Salicifolius** (Fountain Plant) Pyramidal, drooping habit. 5c pkt.
- Sunrise** Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3ft. 10c pkt.
- Sulphurine** Leaves dark green, bright sulphur yellow. 10c pkt.
- Tricolor** (Joseph's Coat) Leaves red, yellow and green, 3 ft. 5c pkt. 30c oz.
- Ammobium** (Winged Everlasting) Grandiflorum, Pretty Border, annual ever-lasting, flower white with yellow disc. 5c pkt.
- Ampelopsis** (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.
- Anemone** (Windflower) Hardy, perennial, large flowers, fine for bouquets. Mixed colors. 10c pkt.
- Antirrhinum** (Snap Dragon) White, yellow, scarlet, each 10c pkt. mixed colors. 10c pkt.
- Aquilegia** (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 5c pkt. Dbl. mixed 5c pkt.
- Arabis** (Rock Cress) Alpina very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.
- Arctotis** Grandis, Beautiful new annual, 2 to 3 ft high, large strong pure white flower embellished with yellow center, of the easiest culture. 10c pkt.
- Aristolochia Siphon** (Dutchman's Pipe) A quick growing climber with large heart shaped leaves. 5c pkt.
- Armeria** (Sea pink or cushion pink) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.
- Asparagus** Plumbosus Nanus Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.
- Sprengeri** One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.
- Verticillatum** Graceful, hardy perennial climber, scarlet berries. 10c pkt.
- Asperula Odorata** (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 5c pkt.
- Aster** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.
- Branching Varieties** 1 1/2 ft. high., very double, beautifully incurved. Crimson 10c, blue 10c, pink 10c, white 10c, rose 10c, mixed 10c.

Asters (Continued).

- Branching Paeony Flowered** In vigor of growth, size of bloom and other qualities this type is unequalled. Height about 18 inches, free branching habit with long stems. Crimson 10c, blue 10c, white 10c, mixed 10c.
- Comet** Beautiful with long curled petals resembling the Japanese Chrysanthemum, height 15 inches. Carmine 10c, pink 10c, blue 10c, mixed 10c.
- Giant Comet** Similar to the above but of stronger growth, 18 to 24 inches high. Pure white 10c, white and rose 10c.
- Giant Branching Comet** Very strong growth, 18 inches high, branching habit, flowers of large size on long stems. 10c pkt.
- Queen of the Market** The earliest flowering Aster, blooms three weeks in advance of the general run, flowers good size on long stems. Fine for cutting. Crimson 10c, pink 10c, purple 10c, white 10c, mixed 10c.
- Victoria** Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1 1-2 ft high. Scarlet 10c, purple 10c, blue 10c, pink 10c, white 10c.
- China Mixed** Very fine, all colors 5c.
- Quilted Aster** Double or quilted petals, fine for bouquets. 2 ft. 5c pkt.
- Crown or Cocardeau** Very showy, double white center, mixed colors, 1 1-2 ft. high 10c pkt.
- Daybreak** Grand variety of symmetrical growth and habit. 18 inches high, globe shaped, double, delicate, pink tint. 15c pkt.
- Dwarf Chrysanthemum** Large flowering, dwarf, double, excellent for plants and pots. Mixed 10c pkt.
- Fire-Ball** Magnificent, double, brilliant, deep scarlet 10c.
- Japanese or Tassel** Entirely distinct, new pyramidel shape, 18 inches high, long stems, flowers five inches across, wavy twisted, needle shaped petals, very graceful. Mixed 10c pkt.
- Ostrich Feather** Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink 15c each.
- Rose flowered** Large double, pyramidel, height 2 ft. Mixed colors 10c.
- Snow Ball** A beautiful distinct sort, short petals, pure white 10c.
- Washington** Splendid, very large, double, diameter 6 inches. White 15c.
- Perennial** Single, hardy. Does well in any garden soil. If sown early will flower in early season. 10c pkt.
- Bachelor's Buttons** (See Globe Amaranth).
- Balloon Vine** (Love-in-a-Puff) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 5c pkt.
- Balsams** (Lady Slipper) Double, camellia flowered type, and old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high.
- Prince Bismarck** Salmon, pink, double. 10c pkt. Scarlet, yellow, violet and mixed each 5c. White 10c.
- Baptisia** (False Indigo) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2 1-2 ft. 5c pkt.
- Bartonia** Showy yellow flowers, very brilliant, cannot be transplanted. 5c pkt.
- Begonias** Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequalled as pot-plants for winter flowering and will remain in bloom the entire year. Easily raised from seed. Double mixed 25c, single mixed 15c.
- Tuberous Rooted Begonias** Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produce flowers the entire summer. Double mixed 25c, single mixed 25c.
- Ornamental Leaved Begonias** Beautiful, variegated foliage. Mixed 25c.
- Bellis** Double Daisy, very handsome spring-flowering plant. 5 pkt.
- Brachycome** (or Swan River Daisy) Dwarf, annual, profuse bloomer, pretty blue or white flowers. 5c pkt.
- Calceolaria** (Lady's Slipper) Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory.
- Hybrida Grandiflora**, 20 inches high. Mixed, 25c.
- Tigrina** Large tiger spotted brilliant colors 25c.
- Calendula** (Pot Marigold) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.
- Meteor** Large double yellow, striped with orange 5c.
- Orange King** Large double orange red flowers 5c.
- Pure Gold** Fine Golden Yellow 5c.
- Mixed** per pkt. 5c.
- Pluvialis** (Cape Marigold) White daisy-like flowers, under side of petals lilac, 5c.
- Calliopsis** (See Coreopsis) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. 5c pkt.
- Coronata** Large yellow, fine for bedding 5c.
- Golden Wave** (Drummondii) Large golden yellow with brown center, fine for borders. 5c.
- Tinctoria** Golden with garnet eye 5c.
- Nigra Speciosa** Crimson 5c.
- Campanula** (Bellflower) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.
- Carpatica** Blue and white mixed, bloom the whole season, 6 inches 5c.
- Persicifolia Grandiflora** Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed 10c.
- Canary-Bird Vine** (Tropaeolum Canariense) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded 5c.
- Candytuft** (Iberis) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.
- Carmine** 5c.
- White** 5c.

Candytuft (Continued)**Crimson** 5c.**Empress** A complete mass of pure white flowers 10c.**White Rocket** 5c.**Lavender** 5c.**Mixed colors** 5c.**Perennial mixed** 10c.

Canna (Indian Shot) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Mixed colors 10c.

Canterbury Bell (Campanula Media) Sgl. mixed 5c. Dbl. mixed 5c.**Cup and Saucer** (Calycanthemum) Fine white, blue and rose, resembling cup and saucer. 5c.

Carnation (See Dianthus) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture. Dbl. mixed. 10c.

Marguerite Carnations Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant large double, beautifully fringed, highly-scented flowers.

Mixed colors 10c.**Castor Oil Bean** (See Ricinus).

Celosia or Cristata or Cockscomb Varieties Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots.

Empress Combs of Colossal size, known to measure 45 inches from tip to tip; rich crimson 10c.**Glasgow Prize** Dark Crimson 10c.**Dwarf** 8 inches high, sometimes measure 2 ft. across 10c.**Mixed Dwarf** 5c.

Centaurea Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

Sweet Sultans (Centaurea Imperialis) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition of easy culture. Mixed colors 10c. Named colors 10c.

Giant Sweet Sultans (Centaurea Oderata) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.

Chameleon Pale yellow turning to a beautiful rose 10c.**Oderata** Reddish lavender, very fragrant 10c.**Margaritae** White 10c.**Cheiranthus** (See Wall Flower) Mixed 5c pkt.

Chrysanthemums Annual sorts, showy, effective garden favorites. Dbl. mixed 10c pkt. sgl. mixed 10c pkt.

Cineraria Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed-pans to thumb-pots. For transplanting, plant in a cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

Dwarf Mixed 25c per pkt.**Tall Mixed** 25c per pkt.**Double Flowering** 25c per pkt.

Stellata (Star Cineraria) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and very useful for cutting. 35c.

Cineraria (White Leaved Sorts)

Dusty Miller Fine for bedding and margins, valued for their beautiful, downy, silvery foliage, half hardy perennial; 2 ft.

Maritima Candidissima Silvery foliage 5c pkt.**Acanthifolia** Silvery foliage 10c pkt.

Clematis Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.

Clianthus (Australian Glory Pea) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.

Cobea (Cups and Saucers Vine) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.

Purple 10c pkt. pure white. 10c pkt.

Coccinea Indica (Scarlet-fruited Ivy-leaved Climber) Handsome, annual, gourd species with beautiful glossy ivy-like leaves, contrasting with the fine snow white bell-shaped flowers and bright carmine fruit. 10c pkt.

Coleus (Flame Nettle) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 10c pkt.

Convolvulus (Morning glory) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz. 5c pkt. Dwarf per oz. 15c. 5c pkt.

Coreopsis (See Calliopsis) A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 5c pkt.

Cosmos Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth., 2 1-2 to 4 ft. in height.

Crimson, 5c.**Pink** 5c.**White** 5c.

Cosmos (Continued)**Mixed** 5c pkt.**Dwarf** 5c pkt.**Cucurbita** (See Ornamental Gourd)**Cyclamen** Charming plant with richly colored foliage, fragrant flowers. Great favorites for winter or spring. Sow in spring or autumn.**Persicaria** Choicest mixed. 15c pkt.**Pure** white, dark red, rose each 25c pkt.**Cyperus** (Umbrella Plant)**Asteridifolius** Excellent for growing in water or damp places. Very ornamental house plant. 10c.**Cypress Vine** (*Ipomoea Quamoclit*) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.**White** 5c pkt.**Scarlet** 5c pkt.**Rose** 5c pkt.**Mixed colors** 5c pkt.**Dahlia** One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to *Cosmos*, having the larger variety of colors and longer season of bloom.**Double**, finest mixed 10c.**Single**, finest mixed 10c.**Single Tom Thumb**, dwarf, 1 ft. 10c.**Datura** (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sgl 10c pkt.**Delphinium** (Perennial Larkspur) One of the handsomest hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.**Zalil** (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.**Formosum** Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 5c pkt.**Nudicaule** Large scarlet flower; 1 1-2 ft. 10c pkt. Mixed finest single 5c pkt.
mixed 10c pkt.**Dianthus or Pinks** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.**Double Annuals****Chinensis Fl. Pl.** (China or Indian Pink). Mixed colors 10c.**Hedewigi Fl. Pl.** (Japan Pink) Double mixed 10c.**Snowball** Double white, fringed, very fine 5c pkt.**Imperial Fl. Pl.** (Double Imperial Pink) Mixed 10c.**Salmon King** A double flowering variety, finely fringed flowers of a brilliant salmon color 10c. changing as they fade to a salmony-rose; charming for beds or borders. 10c pkt.**Single Annuals** All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.**Hedewigi Nobilis** (Royal Pink) Beautifully fringed, colors run from white to dark red 10c.**Hedewigi** (Japan Pink) 10c.**Lacinia Fl. Pl.** (Double Fringed Pink) Large, double, showy flowers, with fringed edges and beautifully striped; mixed various colors. 5c.**Hardy Garden Pinks** The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.**Sempervirens** (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 25c.**Dianthus** (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.**Fine Double Mixed** The best for garden culture 10c pkt.**Marguerite** These are the most popular of carnations with the amateur, as they begin flowering within a few weeks from the time of sowing. Our strain is of semi-dwarf, robust habit requiring no artificial support, and produces on long strong stems an abundance of large double, beautiful fringed, highly scented flowers. Separate colors 10c. Mixed, all colors, Marguerite Carnation 10c.**Didiscus** Very pretty annual, blooms profusely from July to November, pale lavender blossoms excellent for cutting. 15c pkt.**Digitalis** (Foxglove) Handsome ornamental hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 10c pkt.**Dolichos** (Hyacinth Bean) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental, mixed colors. 10c pkt.**Dracaena** (Dragon Plant) Fine ornamental leaved plant. Mixed colors. 25c pkt.**Echinocystis** (Wild Cucumber Vine) Quickest growing vine known, fine for covering trellises, fences, etc. 5c pkt.**English Daisy** (*Bellis Perennis*) A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high.

Dbl. mixed, finest quality 10c. Red, white or pink 10c.

Erigeron (Flea-bane) An attractive, asterlike flower, 1 inch across, purplish-rose with golden center, hardy perennial, blooms first year from May until frost if sown early. 20c pkt.**Eryngium** (Sea Holly) Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.**Eschscholtzia** (California Poppy) Fine annual for beds, border or masses, bloom until frost; 1 ft. Sgl. mixed 5c pkt. dbl mixed 5c pkt.

- Euphorbia** Strong, tall-growing annual, attractive foliage. 10c pkt.
Forget-me-not (See *Myosotis*) 5c.
Four o'clock or *Mirabilis* 5c.
Fox Glove (See *Digitalis*)
Fuchsia (Lady's Eardrops) Well-known sort of easy culture, for house or garden, mixed colors. 25c pkt.
Gaillardia (Blanket Flower) Splendid showy annual, remarkable for profusion, size and brilliancy of flower, bloom until frost, fine for beds, borders or cutting; 1 1-2 ft. Mixed colors, annuals 10c pkt. Mixed colors, perennials, 5c pkt.
Geranium (Pelargonium) Double mixed, fine color 30c pkt.
Globe Amaranth (*Gomphrena*) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft. mixed colors. 10c pkt.
Gloxinia A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.
Godecia An attractive, hardy annual, profuse, showy flowers of varied colors; 1 1-2 ft. Mixed colors. 10c pkt.
Gourds Ornamental (*Cucurbita*) Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 5c pkt.
Grasses, Ornamental These serve the double purpose of rendering mixed flower-beds or borders attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.
Arundo Donax (Great Reed) Hardy perennial. 10c.
Briza Maxima Fine for grass bouquets, 5c.
Bromus Brizæformis Graceful, drooping perennial. 5c.
Coix Lachrymæ (Job's Tears) Broad, cornlike leaves, annual. 5c.
Erianthus Ravenneæ (Hardy Pampas) Beautiful perennial. 5c.
Glycerium Argenteum (Pampas Grass) Perennial, blooms the second season. 10c.
Stipa Pennata (Feather Grass) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 5c.
Gypsophila Pretty, free-flowering plant for rock work, edging, etc. Mixed colors. 5c pkt.
Helianthus (See Sunflower)
Helichrysum (Straw Flower) Fine, everlasting double flowers, fine for display; hardy annuals 2 ft. Mixed colors, 5c.
Heliotrope (Cherry Pie) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.
Hibiscus (Marshmallow) Showy, perennial plant with large beautiful colored flowers; 1 1-2 ft. Mixed colors. 10c.
Hollyhocks One of the most majestic of hardy plants, so well known that it needs no further description.
 In separate colors. 10c.
 Choice single mixed colors. 10c.
 Choice double mixed. 10c.
Honesty (Moonwort Satin Flower) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.
Humulus (Japanese Hop) Ornamental, fast-growing climber resembling the common hop. 10c.
Impatiens (Sultans or Zanzibar Balsam) Charming plant for decorating greenhouse or dinner table, producing bright, waxy looking flowers. Mixed colors. 25c.
Ipomoea Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.
Coccinea (Star Ipomoea) Small scarlet flowers 5c.
Bona Nox (Evening Glory) Violet, large fragrant flowers, expanding in the evening. 5c.
Rubra Cerulea (Heavenly Blue) Bright sky blue. 10c.
Grandiflora (Moon Flower) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber, 10c.
Job's Tears (Coix Lacrymae)
Kenilworth Ivy (See *Linaria*)
Lady Slipper (See *Calceolaria*)
Lantana One of the most desirable half-hardy perennials, constantly in bloom, verbena-like heads of orange, white, rose and other colors; 2 to 5 ft. Mixed colors 10c.
Imperial Japanese This variety without question the handsomest of all Morning Glories. Sow in good soil as soon as weather permit, a strong vigorous climber, flowers of gigantic size, remain open most of the day. The colorings are beyond description. Choice mixture 10c.
Larkspurs (See *Delphinium*) One of the best known garden flowers, hardy annuals
Dwarf Rocket 1 ft. Mixed colors 10c. Dbl. mixed 10c.
Double Stock Flowered Tall branching sort; 2 ft. 5c.
Lathyrus (Everlasting or Hardy Sweet Pea) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 5c pkt.
Lavender (Lavandula Vera) Well-known, sweet-scented, hardy perennial; 3 ft. 5c pkt.
Linaria (Kenilworth Ivy) Charming small, hardy perennial, trailing plant. 10c pkt.
Linum (Scarlet Flax) A very showy bedding plant, brilliant scarlet, excellent bloomer, hardy perennial; 1 ft. 5c pkt.
Lobelia (Cardinal Flower) Popular flowering plant for pots, hanging baskets, etc. Bloom profusely from June to November, hardy perennial.
Crystal Palace Rich deep blue. 10c pkt.
Crimson, white or blue 10c pkt. Mixed colors 5c pkt.
Hardy Perennial Lobelias (Cardinal Flower) Brilliant scarlet; 3ft. 10c pkt.
Lophospermum Beautiful climbing plant, trumpet shaped flower, 10 ft. 10c pkt.
Lupinus Ornamental free-flowering annual, various colored, pea-shaped flowers; 2 ft. 5c pkt.
Lychnis Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors 10c.
Marigold (See *Tagetes* also *Calendula*. French Varieties) An old favorite, free-flowering.
Double Yellow 10c pkt.

Marigold (Continued)**Single Yellow** 10c pkt.**Mixed colors** 5c pkt.**African varieties****Double yellow** 10c pkt.**Large African Tall**, double yellow; 2 ft. 5c pkt.**Signata Pumila** A dwarf, compact, bushy annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.**Matricaria (Feverfew)** Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl white. 10c pkt.**Maurandia** Beautiful, slender-growing Climber, half-hardy perennial; 10 ft. Mxd colors 10c.**Mesembryanthemum (Ice Plant)** Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 5c pkt.**Mignonette (Reseda)** A popular favorite, sown in April and again in July, will keep up a succession of bloom until frost; also suitable for pots, very fragrant, (orange) 15c pkt.**Golden Machet** 10c.**Miles** Spiral spike; 8 to 10 inches long, very fragrant. 5c.**Improved red** 5c.**White** Very fragrant. 5c.**Sweet scented** Old popular variety, small spikes, very fragrant. 5c.**Mimosa (Sensitive Plant)** A curious, interesting annual with pinkish-white flowers, leaves close and droop when touched or shaken. 5c pkt.**Mimulus (Musk Plant)** Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. 5c pkt.**Tigrinus (Monkey Flower)** Spotted variety. 5c.**Moschatus (Musk Plant)** Fine for hanging baskets, small yellow flowers, fragrant foliage. 5c.**Palustris** The true for get-me-not, beautiful blue flower; 6 inches. 10c.**Mirabilis (See Four o'clock)** 5c pkt.**Momordica** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 5c.**Morning Glory (See Convolvulus)****Musa Ensete (Abyssinian Banana)** A splendid plant for open ground, producing a most striking effect when planted singly or in groups, thrives best in hot seasons, growing very large, 10 to 20 ft, especially when freely supplied with liquid manure. Seeds germinate easily if started in hot bed; tender perennial. 25c.**Musk Plant (See Mimulus)****Myosotis (For get-me-not)** A pretty, small, double, aster-like flower, half-hardy perennial, blooms first year if sown early, bright blue; 6 inches. 5c.**Nasturtiums (Tropaeolum)** For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frost comes. Tall Climbing Sorts. Crimson 5c, lila 5c, yellow 5c, white 5c, purple 5c, rose 5c, mixed 5c.**Lobb's Climbing Nasturtiums** Scarlet, white, red. 5c each.**Tom Thumb** No collection of flowers should be without Nasturtiums, they grow so freely and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet-scented and pleasing in every way.**Tall** Varieties mixed. 10c oz. 5c pkt.**Dwarf** Varieties mixed. 15c oz. 5c pkt.

Our mixture of Nasturtiums is the finest in the country.

Nasturtium Dwarf Aurora, very fine 5c pkt,

" " Beauty, yellow and scarlet, 5c pkt.

" " Bronze, 5c pkt.

" " Cardinal (Dark scarlet) 5c pkt.

" " Cloth of Gold (Light foliage) 5c pkt.

" " Crystal Palace dwarf, 5c pkt.

" " Empress of India (Dark leaves) 5c pkt.

" " King of Tom Thumb, 5c pkt.

" " King Theodore, very dark, 5c. pkt.

" " Ruby King, 5c. pkt.

" " Flammulum, Grandiflorum, tall. Scarlet and yellow, extra fine, 5c pkt.

Nicotiana (Tobacco Plant) Delightful, sweet-scented, pure white tubular flower, blooming continuously; annual; 2 to 3 ft. 5c pkt.**Nigella (Love in a Mist, or Devil in the Bush)** A compact, free-flowering plant with curious looking flowers and seed-pods; of easy culture; hardy annual; blue and white mixed; 1 ft. 5c pkt**Ornamental Grasses (See Grasses)****Pansies** Are so well known that no description is necessary. Sow early and transplant. Our pansies are imported direct from the grower and are equal to the best that are offered.

Fine mixture of leading shades and colors 10c.

Extra choice mixture of best large flowering varieties, 25c.

Giant Trimardeau Pansies

Fine mixed. 10c.

Cardinal, fine scarlet, very showy 10c.

King of the Blacks 10c.

Golden Yellow 10c.

Emperor William 10c.

Light Blue 10c.

Snow Queen 10c

Pure Yellow 10c.

Violas or Tufted Pansies While the Pansy Proper is a spring flower, violets flower throughout the entire season. Seeds sown in spring produce flowering plants by June which blooms until frost. Splendid mixed colors, fine varieties. 10c.

Passiflora (Passion Flower) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.

Pentstemon (Beard-Tongue) One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers: if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. mixed colors 10c

Perilla Foliage a dark purple, annual; 2 ft. 5c pkt.

Petunia For outdoor decoration or house culture few plants equal the Petunia. Commence flowering early and continue a mixture of bloom until killed by frost, easily cultivated, requiring a good soil and sunny position.

Superb double fringed. 50c.

Double Large Flowering fine mixture. 25c.

Single Varieties

Ruffled Giant Very large, in great variety of colors 25c.

Fringed Giant, Very fine. 35c.

Snowball Pure white. 10c.

Striped and Blotched Small flowering. 5c.

Fine mixed, all colors. 10c.

Phlox Drummondii Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.

Phlox Drummondii Mixed colors. 5c pkt.

White 10c, pink 10c, rose 10c, scarlet 10c, red 10c.

Dwarf Phlox This strain of dwarf, compact habit, makes a desirable pot plant, also for ribbon lines and massing; 6 inches high.

Scarlet, white, pink, mixed colors 10c.

Double Phlox Especially fine for cut flowers, lasting better than the single sorts. Sow in light soils. Mixed colors 10c.

Star Phlox (Star of Quedlinburg) Dwarf, pretty star-shaped flower. Mixed colors 10c.

Hardy Perennial Phlox All colors, mixed 10c.

Pinks (See Dianthus)

Poppies An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

Single Annual Poppies Shirley's selected Strain 10c, scarlet 5c, white 5c.

Tulip Poppy 14 inches high, producing many large tulip-shaped scarlet flowers. 10c. Single mixed 5c.

Oriental Poppy Perennial, exceedingly showy, scarlet with black centre. 10c pkt.

Double Annual Poppies Mixed colors 5c.

Paeony Flowered Large showy, double mixed colors 5c.

Portulaca (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.

Primula Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May. White 50c pkt. scarlet 50c pkt. pink 50c pkt. crimson yellow eye 25c pkt. mixed colors 25c pkt. Double white 50c pkt. Double mixed 50c pkt.

Pyrethrum Handsome herbaceous plants of easy culture so much used for bedding edging etc.

Aureum (Golden Feather) Bright yellow foliage, 10c.

Double mixed 25c, single mixed 10c.

Reseda (See Mignonette)

Rhodanthe (Swan River Everlasting) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 5c.

Ricinus (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors, 5c.

Borboniensis 15 ft. 5c.

Gibsoni 5 ft. 5c.

Phillippiensis 10 ft. 5c.

Salpiglossis (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts 5c pkt.

Salvia (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.

Splendens (Scarlet Sage) Beautiful bright scarlet. 10c pkt.

Patens (Blue Sage) 5c.

Scabiosa (Mourning bride or Sweet Scabious) A very handsome and autumn border plant with great profusion of very double flowers. Splendid for table bouquet; hardy annual; 2 ft. Double mixed. 10c pkt.

Scarlet Runner Beans Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 5c pkt.

Schizanthus (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed. 5c pkt

Smilax (Myrsiphyllum Asparagooides) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; white; 10 ft. 10c pkt.

Solanum (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries 1 ft. 10c pkt.

Stocks (Gilliflower) The stock is one of the most popular annuals, either for bedding or pot culture, for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

Stocks (Continued)

Large Flowering 10-Weeks Stocks Red 10c, blue 10c, pink 10c, purple 10c white 10c, yellow 10c, mixed colors 10c.

Cut-and-come-again 10-weeks stock Splendid perpetual blooming class. Sow March or April. They begin flowering in June, continuing until frost, and are especially valuable from September to October when other flowers are scarce. They throw out numerous side branches, all bearing fine double flowers. Excellent for cutting. White 10c, rose 15c, red 15c, blue 15c. Fine mixed colors. 10c pkt.

Brompton Stock Half-hardy Biennial, double flowers; 2 ft. Mixed colors. 10c pkt.

Sunflower Remarkable for their stately growth, size and brilliancy, making a very showy effect among shrubbery and for screens. Single sunflowers are indispensable for cutting. Sow in a sunny spot in April or May. They come into bloom early in summer and keep up a constant supply of flowers until cut down by frost. 5c pkt. Single dwarf or miniature sunflower 10c pkt. Giant Sunflower, 8 ft. 5c pkt.

SWEET PEAS Ebeling's cream of the named Sweet Peas. This is a select list of giant-flowering varieties. We have discarded all small-flowering sorts and duplicates under different names.

America Crimson scarlet, striped on white, large size. 5c pkt. 10c oz.

Blanche Ferry Extra early. The popular pink and white. Comes into flower ten days earlier than others. 5c pkt. 10c oz.

Countess of Latham Creamy pink, very rich; a charming tint. 5c pkt. 10c oz.

Dorothy Eckford The grandest, pure white; very large, producing enormous mass of blooms. 5c pkt. 10c oz.

Fashion Rose magenta, medium size, hooded form. 5c pkt. 10c oz.

Gladys Unwin Pale rosy pink; 75 per cent contain four blooms, which is most unusual. 5c pkt. 10c oz.

Beautiful Brilliant orange salmon. 5c pkt. 15c oz.

Gray Friar Heliotrope, large size, hooded form. 5c pkt. 10c oz.

King Edward VII Bright red, giant flowering, very fine, strong stems. 5c pkt. 10c oz.

Lady Grisel Hamilton The fluest pale lavender. 5c pkt. 10c oz.

Lotte Eckford White shaded lilac, white shaded, and edged lavender blue. 5c pkt. 10c oz.

Lovely Warm rose, pink, large and extra fine.

The Hon. Mrs. E. Kenyon The finest primrose; yellow. 5c pkt. 15c oz.

Miss Wilmot Large orange pink, of enormous size, wings a shade lighter. 5c pkt. 10c oz.

Modesty White, with tint of pink showing a little deeper on the edges. 5c pkt. 10c oz.

Navy Blue Deep indigo blue, medium size. 5c pkt. 15c oz.

Othello Deep maroon, very dark maroon, fine form and large size. 5c pkt. 10c oz.

Prama Donna Soft pink; a magnificent rich, pure pink; very fine. 5c pkt. 10c oz.

Prince of Wales The finest bright rose. 5c pkt. 15c oz.

Princess of Wales Purple, with wings of blue striped on white. 5c pkt. 10c oz.

Mrs. Walter Wright Deep mauve, an exquisite shade, very large hooded form. 5c pkt. 10c oz.

Double Flowering Sweet Peas Fluest mixed colors. 5c pkt. 10c oz.

Cupid Dwarf or Bedding Sweet Peas. Mixed colors. 5c pkt. 10c oz.

Sweet Peas Mixed Price, 5c pkt.: 10c oz.; 20c 1-4 lb.: 60c lb. Our mixture of sweet peas are mixed under our personal supervision and contain all of the varieties named above except Gladys Unwin double and Cupid. This list of Sweet Peas contains the very best named sorts known to the trade, and we confidently offer them to most careful and critical buyers. A finer mixture cannot be found.

Sweet Rocket (*Hesperis*) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high, with spikes of showy white, lilac and purple fragrant flowers; fine for shrubbery and permanent border; mixed colors. 5c pkt.

Sweet Sultan See Centauria.

Sweet William (*London Tufts*) A well-known attractive free-flowering hardy perennial, fine for beds and shrubbery; 1 1-2 ft. 5z. mixed 5c. Double mixed 5c pkt.

Tagetes (See Marigolds and Calendula)

Signata Pumila A dwarf, compact, bushy, annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.

Thunbergia (Black-eyed Susan) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white orange, etc., with dark eyes; mixed colors 5c pkt.

Torenia Fine annual; splendid plant for vases, hanging baskets, borders etc., blooming the entire season. Blue, white, and yellow. 10c pkt.

Tritoma (Red Hot Poker Plant) Readily grown from seed. Will bloom first year if sown early. Tritomas are becoming very popular for bedding plants and cut flowers; hardy perennial; 4 ft. Vary in color from light and deep orange, salmon and carmine. 10c pkt.

Tropaeolum (See Nasturtium)

Verbenas One of the most popular and free-blooming varieties and so well known that a description of this variety is unnecessary. Half-hardy perennial: easy of culture; sow early and transplant when weather permits. Fine for beds, baskets, rockeries, etc. Scarlet 10c, variegated 10c, white 10c, mixed colors 10c.

Viola (See Pansies)

Vineca (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter, 2 ft. Rose 10c, white 10c, mixed 5c.

Wall Flower (See Cheiranthus) Half-hardy perennial, 1 1-2 ft high. Mixed 5c pkt.

Wild Cucumber (See Echinocystis.) 5c pkt.

Wild Flower Garden 5c pkt.

Zinnias (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost. Dwarf double white, orange scarlet, rose, etc. 5c. Tall double mixed 5c. Dwarf single mixed 5c.

SPRING PLANTS, BULBS AND ROOTS.

	PER DOZ.		PER DOZ.	PER DOZ.	
Cauliflower Plants	25 cts	Root Celery Plants	"	Aster Plants	35 "
Cabbage	10 "	Sweet Marjoram	"	Stocks	35 "
Tomato	25 "	Sage Plants	"	Petunia	50 "
Egg Plant	50 "	Summer Savory	"	Snapdragon	40 "
Pepper	25 "	Thyme	"	Beautiful Japanese Fern	
Kohlrabi	"	Verbena Plants	50 "	Balls each	75 "
		Pansy	30 "		

Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.

Selected Fall Bulbs in their Season, Our Own Direct Importation from Holland.

Christmas Holly, Holly Wreathes, Ground Pine, Mistletoe, in Season.

FLORISTS' SUNDRIES.

Self Registering Thermometers	Hanging Baskets
Tin Foil	Flower Supports
Green Moss	Plant Stands
Florist Letters	Trellises
Raffia and Reed	Shears
Immortelles	Scissors
Masticia	Fine Cutlery
Plant Labels	Syringes for Plants
Fumigators	Flower Pot Brackets
Bulb Syringes	Sharpening of Shears, etc.
Glazing Points	Lawn Seed and Fertilizers
Flower Pots	Bird Supplies
Hyacinth Glasses	Wire Plant Supports
	Silkaline, per spool, 30 cts.

STRAWBERRY PLANTS.

We are pleased to announce that we can furnish choice thrifty Strawberry and Raspberry Plants of all the leading varieties and recommend them to our customers.

Strawberry Plants 50c per 100; Raspberry Plants \$1.25 per 100
Leave orders early.

BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. We can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

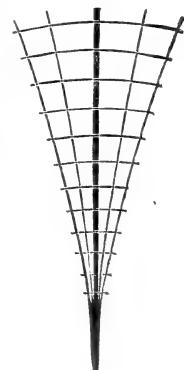
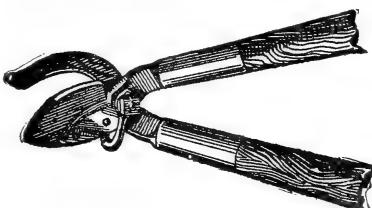
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FLOWER TUBS \$1.00 TO \$4.00



Flower Pots, Hanging Baskets, Fern Pans, Lily Pans

TRELLISES, URNS, VASES AND SETTEES.

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.

**CRONK'S TREE PRUNER.**

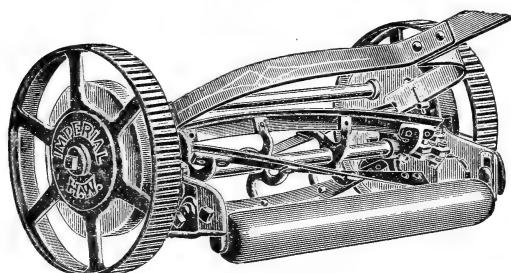
This is the most powerful Tree Pruner on the market. Its strength and power is wonderful, the secret is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools. Price \$1.00

Curved Pruning Saws 90c and \$1.00 Straight Pruning Saws 90c and \$1.00



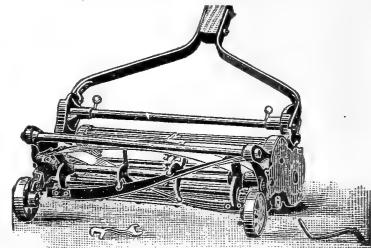
Waters Tree Pruner
\$1.00 to \$1.50

HIGH WHEEL IMPERIAL.



Absolutely Warranted for Two Years. Positive Adjustment. Has no Equal. In Public Parks, Private Lawns and Cemeteries everywhere. Ask for Special Catalogue.

16 inch -	\$ 9.00	20 "	-	12.00
18 " -	10.00	22 "	-	13.00



THE NEW EASY!

We have sold the "EASY" for Twenty Years.
The Best All Around Mower on Earth.

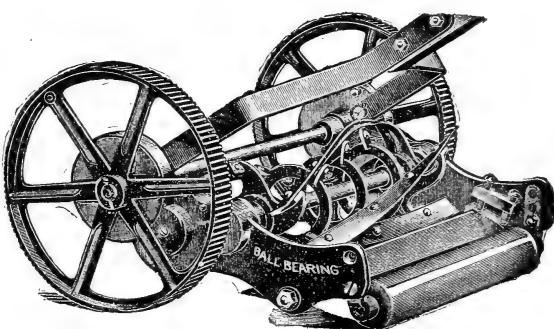
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BALL BEARING

LAWN MOWER

This unquestionably is the Best BALL BEARING MOWER on the market. Perfect in every detail, absolutely guaranteed.

16 inch - - -	\$ 9.00
18 " - - -	10.00
20 " - - -	12.00
22 " - - -	13.00

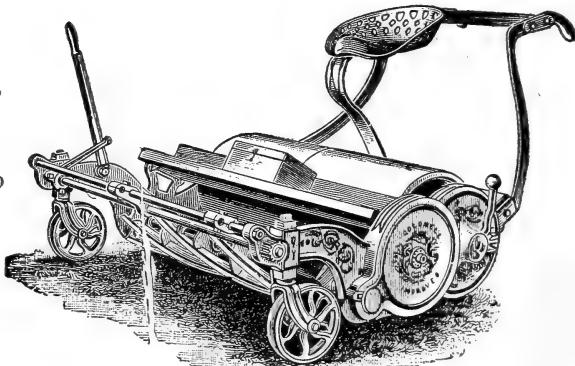


Imperial Horse Lawn Mower.

PRICE \$55.00 AND UP.

Absolutely Guaranteed to Cut Clean in turning around.

Send for Catalogue.



HARDWARE.

We sell everything in Hardware, Glass, Putty, Nails, Enamelled Ware, Cutlery, Shears, Razors, Knives, Carving Sets, Aluminum Ware, Florists Supplies, Etc.

LAWN HOSE.

GARDEN HOSE
all sizes and prices.
NOZZLES,
HOSE MENDERS,

Garden Reels, Lawn Mowers, Lawn Seed, Lawn Rollers, Lawn Rakes, Lawn Weeders, Lawn Sprinklers, Lawn Baskets.

GARDEN AND LAWN HOSE.

We carry a full line of 1-2 and 3-4 inch Hose of various grades from 8c to 20c per foot.

HOSE REELS at \$1.25

**CLIMAX
HANDY WEEDER.**

CUT UP!
PULL UP! PICK UP!

PRICE 75c.

EUREKA WEED KILLER.

A special preparation, which dissolves in water without boiling over. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, stable yards, etc., and keeps them under for the whole season.

Large size tin sufficient for 100 square yards path, \$1.50 per can.

MASTICA FOR GLAZING GREENHOUSES, SASHES,

Etc., new and old. It is elastic, adhesive and easily applied.
It is not affected by dampness, heat or cold.

Every green house man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" you can bed in or use outside with machine.

Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side.)

Price of Mastica $\frac{1}{2}$ gal. 65c., gal. \$1.15. We are Sole Agents for Central New York.



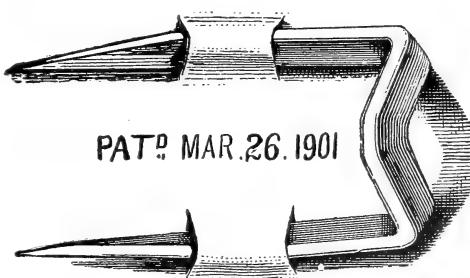
MASTICA
GLAZING
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PRICE \$1.25.

THERE ARE OTHERS
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**THE PEERLESS
GLAZING POINT**

A new name and a
new point.

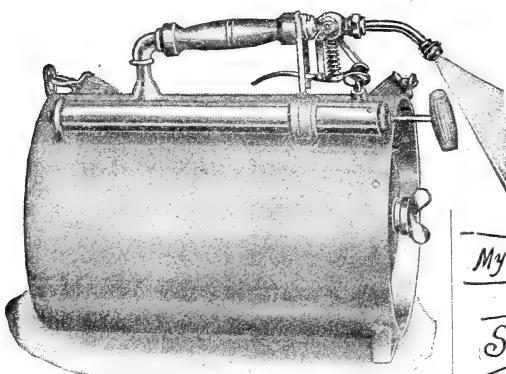


A Few of its
Good Points.

No raising up when driven. No Rights. No Lefts. No Sliding. No Trouble to apply. Cheap. Indestructible Once used, always used. Try them once. PRICE 55c per 1000

LOWELL FOUNTAIN COMPRESSED SPRAYER.

Aluminum Finish.



BETTER THAN EVER.

No complicated parts to get out of order. Does not require constant pumping like other sprayers.

One charge sufficient to expel entire contents of tank.

Machine can be easily washed and aired after using.

New Automatic Thumb Lever Valve shuts off instantly.

A child can operate it.

No packing or springs to wear out in the valve.

All working parts made of heavy brass casting.

Tree attachment and galvanized funnel with brass wire strainer for filling with each machine.

Strongest Sprayer made will stand five times the air pressure necessary to operate.

Capacity of tank three gallons.

Handy to carry as a grip, shoulder strap with each machine.

Price - - - \$5.00.



SYRINGES---\$1.00, \$2.25, \$3.00, \$4.50

INSECTICIDES.

Bowker's Kerosene Emulsion	.75	Persian Insect Powder per lb	.50
Black Stuff Tobacco Powder	.05	Whale Oil Soap, per pkg 5, 10, 20	.25
Nicoticide, per bottle	2.00	Fir Tree Oil Soap, per pkg	.30
Bug Death, 15, 35, 50c	1.00	Eureka Weed Killer, per can	1.50
Tobacco Dust, lb	.10	Eureka Fumigator,	1.25
Siupho Tobacco Soap .10 and .20	.10	Weedicide, per gal	\$1.50
Tobacco Soap per pkg .25 and .50	.25	Slug Shot, per lb	.06
Tobacco Stems, - - -	.50	Lambert's Death-to-Lice	10, 25, 50, 1.00

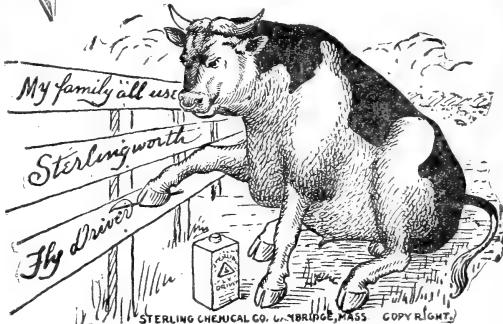
BLACK STUFF, TOBACCO POWDER.

IT KILLS GREEN FLIES, MOTHS, WOOLLY APHIS, CABBAGE BUGS, POULTRY LICE, SQUASH BUGS, SHEEP TICKS, CELERY WORMS, CURRANT WORMS AND LETTUCE WORMS. **5c per lb.**

"BUY YOUR HARDWARE, CUTLERY, GLASS and GRANITE WARE OF US."

STERLINGWORTH FLY DRIVER.

Absolutely protects horses and cattle from flies and other insects—powerful antiseptic and disinfectant. Will cure sores and skin diseases of animals and poultry. Is not sticky, and does not mat the hair. Non-poisonous—perfectly harmless. One application lasts 24 hours. Two-quart can makes 4 gallons. **Price \$1.00 a Quart.**



Sprayers for convenient applying. 50c.

AIR PRESSURE SPRAYER.

Falling Over Top
of Tree in Spray.



Price \$5.00

Rumsey's Superior Double-Acting Spray Pump.

This represents our new Double Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered.

Made in one size only. **Price \$6.50**

**RUMSEY'S****"LILLY" SPRAYING****NOZZLE**

PRICE 50 CENTS

**THE BEST SPRAY PUMP****ON THE MARKET.**

With 3 ft. of 1-2 in discharge hose and "Lilly" Nozzle

Can be used for washing windows, carriages, etc.

Also used for white washing hen houses etc.

PRICE \$4.50



Price \$3.00 **Myers** Bucket Brass Spray Pump, with agitator, complete with Hose Combination, Fine and Coarse Spray and Solid Stream Nozzle.

**KINNEY LIQUID PUMP.**

READ! READ!! READ!!!

We believe that for applying liquid manure this pump has no equal. Enough labor is often saved in feeding a house of plants once to pay for the pump. Besides this the pump is used for spraying, for tempering water to water with, and for drawing water out of furnace pits. Being made entirely of brass, these pumps are not corroded by chemicals, and they do not wear out. One will last a lifetime. Look over the following testimonials and be persuaded to try one of these pumps. Remember that a water pressure does the pumping, and that the flow of liquid fertilizer through the hose is even and continuous as long as the liquid is reasonably clear and there is water pressure behind it. Price \$2.50.

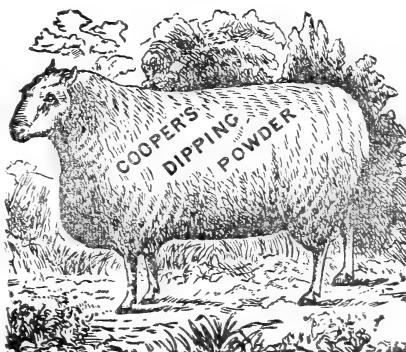
I would not part with the Kinney Pump, purchased from you, for ten times its cost if I could not get another. I have only about 15 pounds pressure, and it works fine.

A. D. CARPENTER. Cohoes.

COOPER'S SHEEP DIPPING POWDERS

The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well-known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "COOPER" is found far superior in every way.

Price 50c and \$2.00





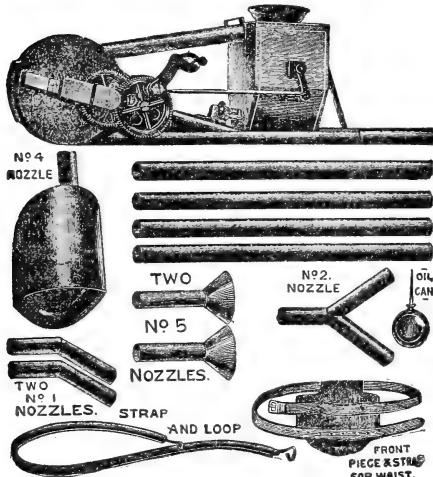
Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

DISPARINE

The best and only thing for spraying fruit trees—thoroughly tested and tried, fully guaranteed.

2 lb Can -	\$.50	25 lb " - -	4 25
5 lb " - -	1 00	50 lb " - -	8 00
10 lb " - -	1 80	100 lb " - -	15 00

CHAMPION DRY POWDER GUN.



THIS IS TRUE TO NAME "DEATH TO BUGS"

Price per package .15 .35 .50 \$1.00

BUG DEATH.

This Insecticide and Plant Food combined has been on the market for ten years. We give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the **extra yield of marketable potatoes has more than paid the entire expense.** It is **non-poisonous** which makes it perfectly safe to use on all plants or vines.

Very beneficial results are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **BUG DEATH PREVENTS BLIGHT.**

Put Up In Packages As Follows.

1 pound package,	. . . . .	\$ .15	12 1-2 pound package,	. . . . .	\$1.00
3 " "	. . . . .	.35	100 "	. . . . .	7.00
5 " "	. . . . .	.50	Dickey Bug Death Duster,	. . . . .	.25

With Trade-Mark on Each Package.

Bug Death may be applied dry with the Dickey Bug Death Duster or with a small bag of burlap or gunny cloth of the right mesh; also mixed with water and sprayed as above stated.

SULPHO-TOBACCO SOAP

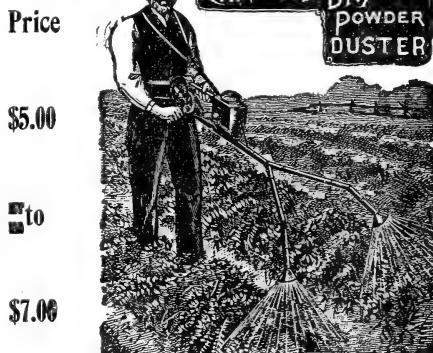


Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless Insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results.

3-oz. Cake, sufficient for 1 1-2 gallons prepared solution, 10c; mailed postpaid 13c.

8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.

With every order we enclose free a booklet "The Window Garden" giving valuable information of Plants, and exterminating of Insects.



Price

\$5.00

to

\$7.00

A wonderful invention. Light swift, safe, strong and cheap. Dusts the pure green. Kills all the bugs and pests without injuring the vines or foliage. Less green used and better results obtained.



Pat. March 16 and Nov. 9, 1886.

**PURE SHEEP FERTILIZER.**

THE NATURAL GRASS FOOD.

Try it and see the wonderful results obtained.

50 lbs. \$1.50. 100 lbs. \$2.50

ANALYSIS.—Ammonia, 4.48 per cent;

Available Phosphoric Acid, 1.83 per cent;

Actual Potash, 2.39 per cent;

Nitrogen 2.36 per cent.

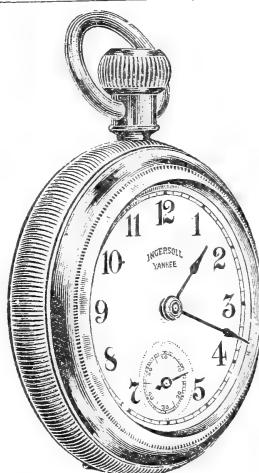
THE BEST**Lawn Fertilizer in the Market.**
Free from all foul seeds. Rich in
Plant food. Machine Dried.**PURE GROUND BONE.****100 lbs. \$2. 50 lbs. \$1.25**These fertilizers are free from foul seed and
a natural grass producer.**Price, \$5.00 to \$10.00****DRAIN TILE.**

Following sizes always on hand. Length about 14 in.

**SOLE TILE**

	Weight Each.	Per M.
2 inch Rise, Sole Tile	3 lbs	\$13.50
2½ " " "	4 "	16.50
3 " " "	5 "	22.00
4 " " "	7 "	38.50
5 " " "	9 "	55.00
6 " " "	12 "	77.00
3 1-2 Horse Shoe Tile	4 lbs	16.50
4 " " "	5 "	22.00
5 " " "	6 "	33.00
6 " " "	8 "	44.00

Special prices on carload lots direct from factory
which being located at Chittenango, N. Y. on the lines
of the N. Y. C. & H. R. R., the West Shore R. R. and
Erie Canal, gives us exceptional shipping facilities.



**A FINE
INGERSOLL
WATCH
FOR
\$1.00
WILL
KEEP GOOD TIME
and is fully
GUARANTEED.**

**ENSILAGE
FORKS**

This is the best
and most popular
fork ever put on
the market and
fills a long felt
want for a light,
strong fork to
handle ensilage,
fine manure, etc.

Price \$1.25.

THE IRON AGE

Farm and Garden Implements.

The "Iron Age" Catalogue for 1907
Will be sent Free upon Application.

No 6 Iron Age Combination Double Wheel
Hoe, Hill and Drill Seeder. Price \$11.00.
No 7 Iron Age as a Seeder only.

Price - - - - - \$8.00

This tool is without question the most practical and complete combined garden implement ever offered the public. The ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the most important features.

The wheel is made of steel, 16 inches high; the frame of pipe,

coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for one purpose.

It places the seed in hills or drills; it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

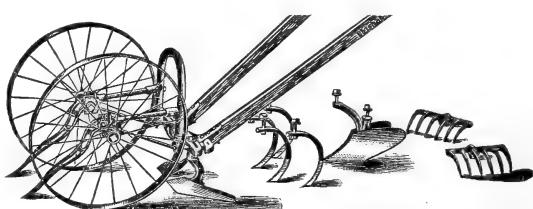
NO. 1. "IRON AGE" DOUBLE WHEEL HOE, PRICE, \$6.50

The Wheel Hoe Form of the Tools Shown Above.

NO. 3. Iron Age (Side Hoes Only) Price \$3.75.

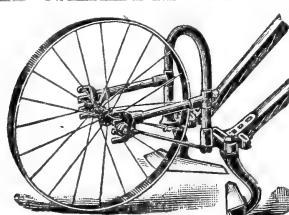
At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single

Wheel Hoe in a moments time. An axle is sent with every Double Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.50.

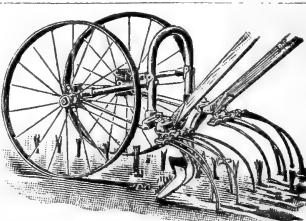


A Seed Drill attached for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6.) \$3.50 and \$4.50 respectively.

When applied the tool is identical with that of the Iron Age No. 4 or 6. Combined tools, depending upon which seed attachment is applied.



Showing the Double Wheel Hoe
Set up as a Single Wheel.

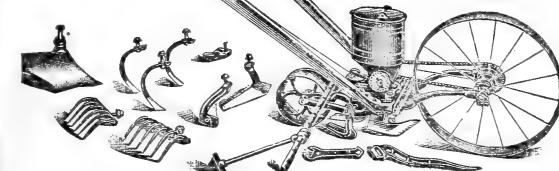


The Weeder Attachment. Price
per pair, \$1.00

NO. 15 "IRON AGE" COMBINED SINGLE WHEEL HOE, HILL and DRILL SEEDER. Price \$10.

NO. 16 AS A SEEDER ONLY, \$7.50

In combining these tools not a single advantage of a separate Single Wheel, Hoe or Seed Drill is lost. As each they are in themselves complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.

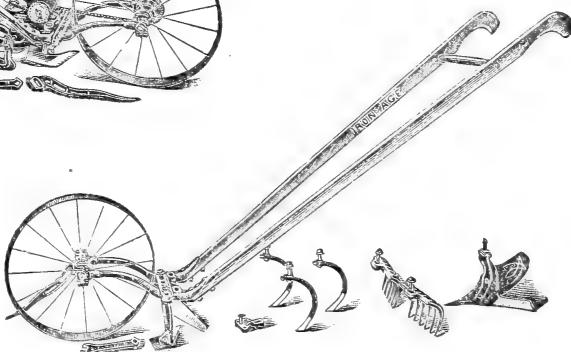


It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The wheel is made of steel 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.

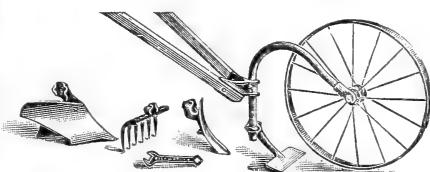
No. 20, Iron Age, the wheel hoe form of No. 15 - - - \$5.50.

No. 21, With Side Hoe, only - - - \$3.50.



NO. 12 "IRON AGE" WHEEL PLOW AND CULTIVATOR, PRICE \$3.25

No. 11 (Same with Plow Only) \$2.25



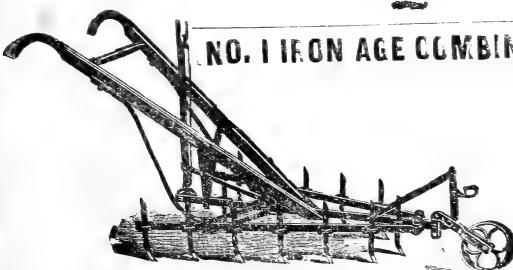
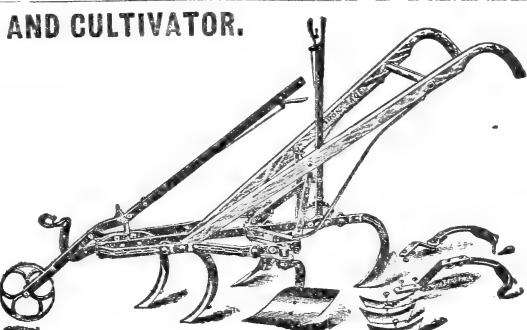
In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.

NO. 6 COMBINED HORSE HOE AND CULTIVATOR.

Remarkable for great adjustability. With lever, is expanded from 14 to 30 inches. The wheel regulates the depth. The furrow-closing attachment pulverizes and levels the ground. The side hoes have numerous adjustments. A most satisfactory and popular implement. Price complete as shown in cut, \$7.00 Without furrow closing attachment.

Price - - - - - \$6.00

With plain wheel and without lever expander, Price - - - - - \$5.00



NO. 1 IRON AGE COMBINED HARROW AND CULTIVATOR.

Price - - - - - \$5.50

Without Wheel or Lever - - - - - 4.25

An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil throwing but little dirt.

All believing in level culture should own one of these harrows.

NO. 22 "IRON AGE" COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER, PRICE \$17.00

In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.

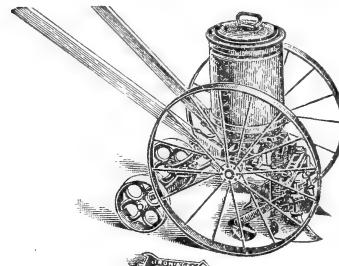
Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfect in quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment at the depth at which the fertilizer is sown and allows its distribution in narrow streams at different distances. The plows are immediately followed by the coverers which draws the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. For soft ground we can furnish a wide tire attachment.



NO. 23. "IRON AGE" FERTILIZER DISTRIBUTOR (AS A SIDE DRESSER) PRICE, \$12.50



Hill and Drill Seeder Attachment, \$4.50.

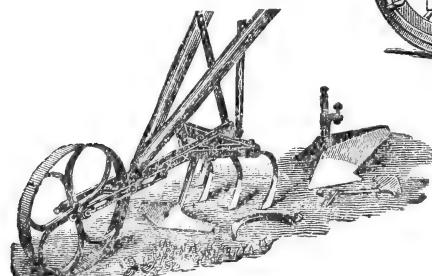
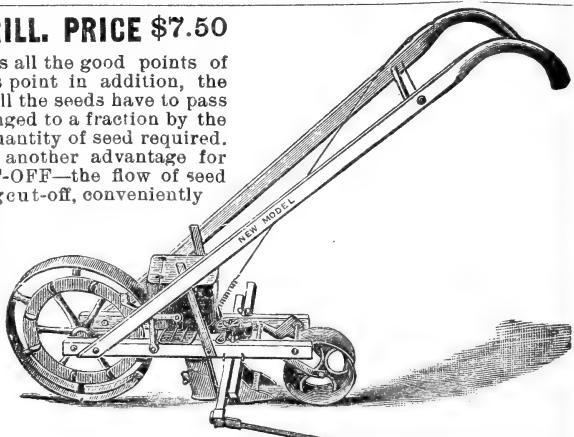
The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.

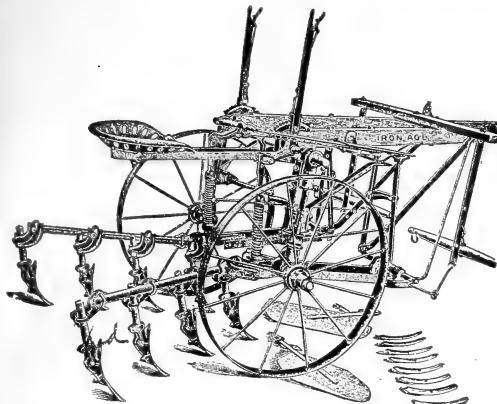
THE NEW MODEL SEED DRILL. PRICE \$7.50

The New Model Seed Drill contains all the good points of every old drill in the market, with this point in addition, the slide or hole through the slide where all the seeds have to pass is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT-OFF—the flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at the end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



GEM SINGLE WHEEL HOE, \$4.50

The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong, yet light in weight. Sure to please.



NO. 80 "IRON AGE"
Pivot Wheel Riding Cultivator
PRICE \$33.00

The No 80. has many good points which makes it especially desirable in many localities.

PIVOT WHEELS.--The pivots being near the wheels and the ends resting on steel balls, renders the guidance of the wheels an easy operation. This familiar way of carrying the machine with gangs to the right or left is a valuable feature for hillside cultivation, for crooked rows, and for convenience in turning at end of rows. By simply dropping a pin in a hole the wheels may be made fixed for fall cultivation and for drawing to the field.

Gangs Adjusting Lever.--The gangs can be moved close together or

further apart, so as to change to cultivate young or more matured crops, simply by the movement of the gang adjusting lever at the right of the operator, just in a correct position to easily handle.

Pivoted Gang Bars.--are round, of steel rolled with a groove, and attached to these are the tooth holder blocks. The cultivating width may be changed almost instantly, and the position of the teeth on the gang bars changed independent of each other. By this method it is not necessary to reduce the number of teeth when narrow rows are to be cultivated, but the full number of standards with narrow teeth may be used, thereby more thoroughly working the ground, yet leaving it level. A set of narrow blades are furnished with each Cultivator. Wheels 32 inches high. Tires 2 1-2 inches wide.

NO. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR.

Price \$36.00. Add for Plows 75 cents. Fallow Tools \$1.15.

Ball Bearings.--It has wonderful ease of guidance, the pivots being vertical near the wheels, and the ends resting upon hardened steel balls.

Spring Pressure Lock-Down.--To prevent the gangs from rising and slipping over hard places, we furnish this Cultivator with a spring pressure lock-down, strong enough to hold it to its work in stiff ground, but weak enough to allow the gangs to rise before damage could occur to them or the standards.

The Lever Gang Adjuster gives the operator immediate control of the width of his gangs.

Points.--The steel points sent out on the Cultivator are 2 1-2 inches in width and 10 inches long, while we have, also, of the same length, points 1 1-4 and 3 1-2 inches in width, meeting a call for those extremes.

The Wheels as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel and while they may appear light, yet they are very strong and durable.

THE "IRON AGE" FOUR ROW SPRAYER PRICE \$68.00

Orchard Attachment consisting of one nozzle 25 feet rubber hose,

10 feet iron pipe--both 1-2 in.--and all necessary fittings. Price \$7.00

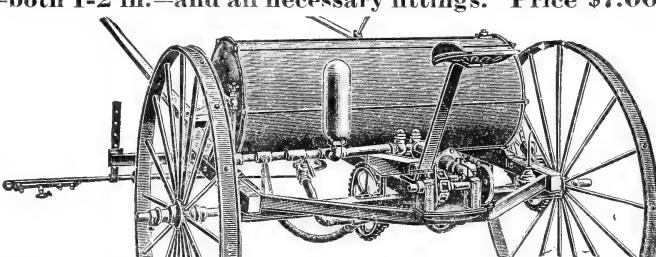
The Pump is simple and powerful. The power is applied directly to the center of the plunger and thus causes practically no friction or wear. All parts of the pump, most susceptible of wear, coming in contact with the acids of different mixtures are made of brass. The valves are made of brass, and being located on the outside the operator can easily and quickly remove them for cleaning, when necessary, without tearing the pump apart. An adjustable relief valve constitutes a part of the construction of the pump, so that any increase in speed of horse does not waste the mixture by unnecessarily forcing it out through the nozzles, but permits it to return to the tank, making a great saving in solution.

Another important feature of the pump, especially in view of the absolute and urgent necessity of fighting the San Jose scale, is that it is adapted for spraying trees as well as vegetable crops. It is therefore not necessary for one having need of a sprayer to spray both trees and vegetables to buy two machines, as we especially designed this sprayer to do both kinds of work.

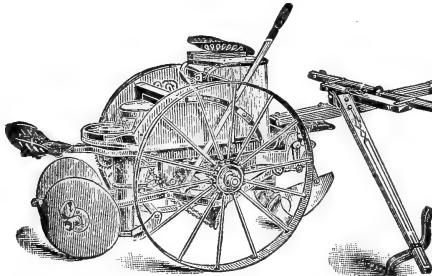
The Tank holds 55 gallons, made of heavy galvanized iron and should last indefinitely. Fitted with a dasher which revolves continually insuring thorough agitation.

Nozzles are located in front of machine in full control of the operator and are adjustable to four different widths of rows, 28, 30, 33 and 36 inches. **The Shafts** are adjustable so that the machine may be carried level while at work. **The Wheels** are adjustable for any width of rows between 28 and 36 inches, are made of steel, 42 in. diameter with 2 1-2 in. channel tire.

Frank Matty, Syracuse, and Cazenovia Canning Company are using this Sprayer.



THE "IRON AGE" (IMPROVED ROBBINS) POTATO PLANTER PRICE



With Fertilizer Distributor	\$78.00
Without " "	68 00
Pea and Corn Sower Attachment	5 00
Leveler Attachment	95

A machine that is completely and thoroughly successful. Has none of the faults of other planters and does better work than planting by hand.

The opening plow is a double mold plow which throws out on each side a free furrow of loose soil with no packing or wedging to crowd the future growth of the crop.

The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceding the potato tube.

The seed is dropped at 12, 14, 15 1-2, 17, 18 1-2 or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by the means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planted, is in as good condition as when first placed in the machine. Ask for special catalogue.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y., D. R. Overacre, Salina; T. A. Mitchell, Weedsport, N. Y., Mr. Pendergast, Phoenix, N. Y., Hubbs Bros., No. Manlius; Oliver Ormsby, Fairmount, N. Y., Fred Wilbur, Fairmount; M. W. Garrett, N. Syracuse; Frank Matty, T. O. Hickok, Syracuse, Ward Moulton Cicero, Elmer Wheaton, R. F. D. Camillus.

Utica, N. Y., December 4th, 1865.

I bought one of your "Iron Age" Improved Robbins Potato Planters and one of your Four-Row Potato Sprayers of your agents last Spring. I planted twelve acres with the planter and there were no missed hills. I think the planter is the best one on the market. Some of my neighbors have other makes, but I would not trade with them. I am convinced that your sprayer is all right and that it pays to spray potatoes. I sprayed the twelve acres four times using the Bordeaux Mixture each time and my yield was one hundred and ninety bushels per acre, while my neighbors, who did not spray, did not get one hundred bushel to the acre. Yours Resp'y, Fred Gabel.

IRON AGE POTATO DIGGER.

This Digger is different from any other make and is so arranged that it will do better work under the many varied conditions of the different localities than any other digger.

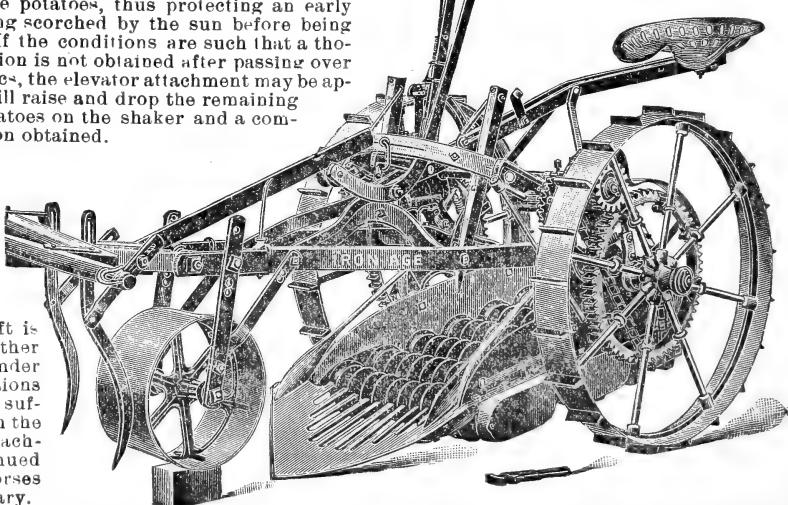
Under ordinary conditions it will do excellent work as a low-down digger as shown in the cut. The roller discs giving perfect separation.

In very loose soil, one or two of the rear sets of rolls may be removed, thus decreasing the agitation and draft. The front forks gather and straighten the vines, which are then crushed by the broad front wheel. They then pass through and fall lightly on top of the potatoes, thus protecting an early crop from being scorched by the sun before being picked up. If the conditions are such that a thorough separation is not obtained after passing over the rolling discs, the elevator attachment may be applied which will raise and drop the remaining earth and potatoes on the shaker and a complete separation obtained.

Packed Weight, 950 lbs.

**PRICE AS IN CUT
\$100.00.**

**WITH
ELEVATOR
ATTACHMENT,
COMPLETE
\$115.00.**

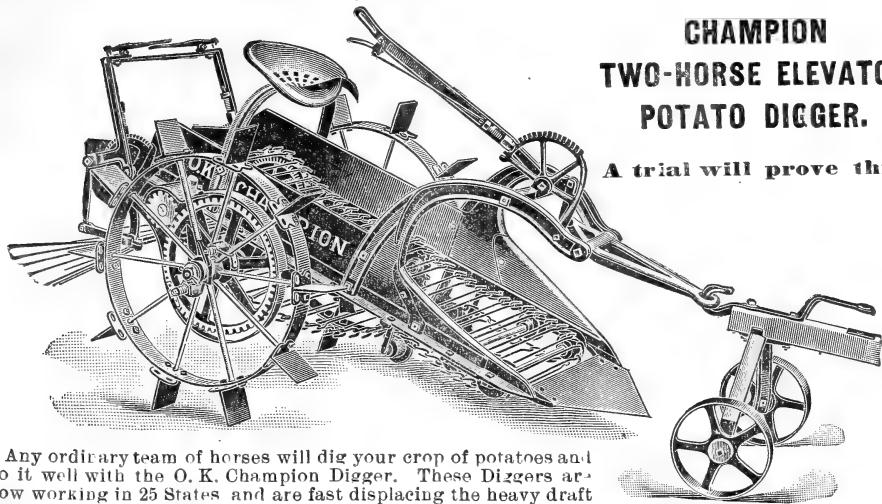


The draft is lighter than other diggers and under ordinary conditions two horses are sufficient, but with the elevator attachment for continued work, three horses may be necessary.

We refer to the following names of parties who used the Digger last fall: Frank Matty, Syracuse; Peter Covich, Liverpool; Fred Cooper, Liverpool; Andrew Hamlin, North Syracuse.

**CHAMPION
TWO-HORSE ELEVATOR
POTATO DIGGER.**

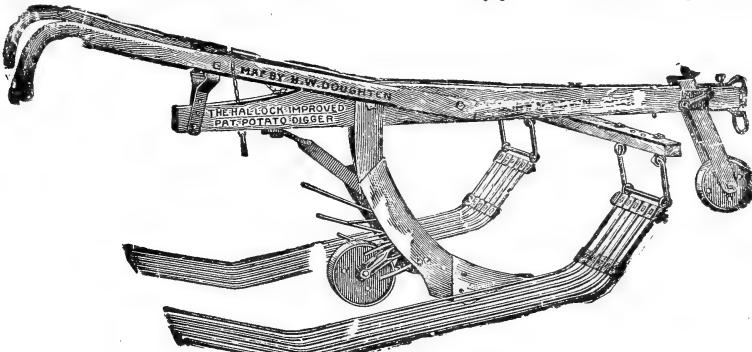
A trial will prove this.



Any ordinary team of horses will dig your crop of potatoes and do it well with the O. K. Champion Digger. These Diggers are now working in 25 States and are fast displacing the heavy draft machines. **Price \$65.00.**

HALLOCK'S KING OF THE POTATO FIELD POTATO DIGGER.

This wonderful labor saver, which we have sold for many years, is absolutely guaranteed.



The following list contains only a few who are using the "King of the Potato Field" and to whom we refer any who are in need of this great labor saver: Frank Bailey, Cardiff, N. Y.; E. C. Vollmer, Cicero; W. H. Horning, Ira Station; F. P. Williams, Marcellus; E. N. Trump, Skaneateles; B. C. Wilcox, Hannibal (4 diggers); Frank Holmes, Marcellus; William Pople, R. F. D. No. 5, Marcellus; C. H. Wicks, Marcellus Station; Frank Schuyler, R. F. D., Camillus; H. A. Hannum, Cazenovia; E. S. Craver, Weedsport; R. & N. Devine, Chittenango; Thomas Molloy, West Genesee street, Syracuse; Joe Shuart & Son, Onondaga Hill (Sta. A.); G. G. Hitchings, South Onondaga; George Evans, E. Colvin street, Syracuse; Frank H. Stanton, R. F. D., Pennellville; Fred Sipfle, Sta. A., R. F. D. No. 3, Syracuse; I. B. Myers, Lansing; A. J. Hunt, Camillus; A. C. Garrett, Green Point; Loren Peck, North Syracuse; G. W. Dewey, Woodard; James Lukens, Hallway; Elmer Anidorn, Navarino; A. E. Smith, Camillus; Pat O'Brien, Pompey; J. W. Hughes, Stiles; Edgar Bowen, Onondaga Valley; John Oley, Pompey; E. Perscooten, Chittenango Valley; Newton Moore, Baldwinsville; A. Chubb, Jr., Fulton; Wm. B. Smalley, So. Hanibal; Carl Fisher, Chittenango; N. C. Michaels, Green Point; Mt. C. M. Barrus, Liverpool; Julian Smith, Liverpool; Charles Fairchild, R. F. D. Liverpool; Jacob Sneller, Cicero; T. D. Garrett, R. F. D., E. Syracuse; Ed Littleboy, Liverpool; The State Farm; N. C. Michaels, N. Syracuse; Albert Anidorn, R. F. D. No. 5, Syracuse; John E. Allen, N. Syracuse; Albert Garrett, E. Syracuse, R. F. D.; and many others.

Price, \$16.00. Agents Wanted.

Brewerton, R. F. D., N. Y., Nov. 2, 1906.

I am much pleased with the Potato Digger bought of you. I would not be without it for a hundred dollars. I tried it on a wet, soggy, weedy piece of potatoes, and it worked fine. I did not believe it would work, so I took along a number of men with forks expecting to dig them by hand. I was surprised to find that it threw all the potatoes out and covered up the weeds at the same time. I can recommend this Digger to any one who has potatoes to dig.

E. G. VOLLMER.

Mr. F. H. Ebeling, Syracuse, N. Y.:

Chittenango, N. Y., Oct. 9, 1906.

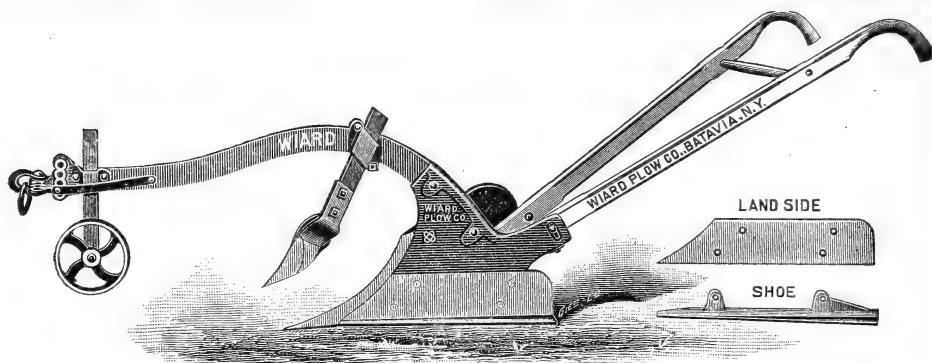
Dear Sir:—The Hallock Potato Digger is all right and gives good satisfaction. I enclose post-office order to pay for Digger bought you October 1st.

R. & N. DEVINE.

I enclose cash to pay for the Hallock Potato Digger. This works all right, and I expect to see a lot for you another year.

South Otselic, N. Y., Oct. 5, 1906.
FRED D. BECKWITH.

Wiard Steel and Iron Beam Plows.

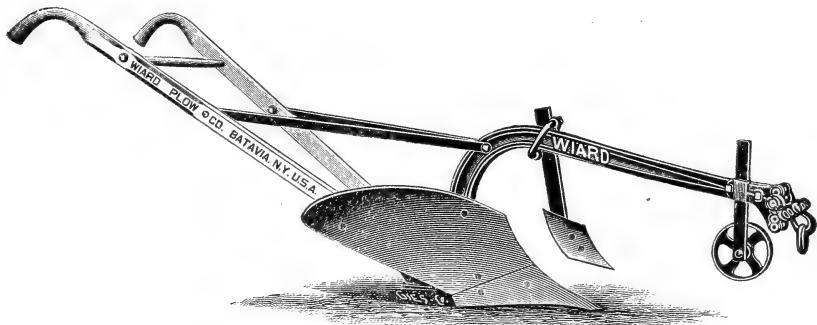


No. 90.—The Best of the Wiard Plows.

Landside view of Wiard Forged Steel Beam Plow. All our steel beam flat land plows now have land side and shoe as shown above. Price \$13.50.

WIARD PATENT STEEL-BEAM PLOWS.

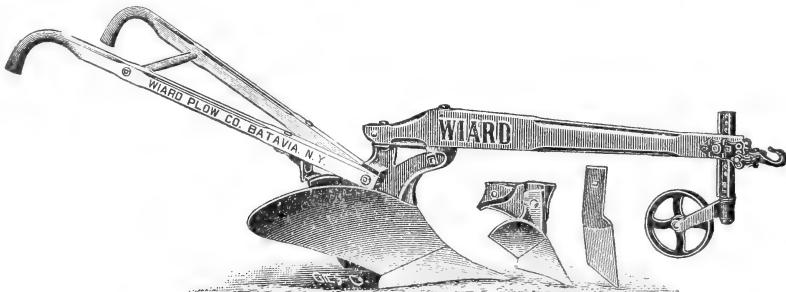
No. 100.—The Best of the Wiard Plows.



WIARD PLOWS NO. 100.

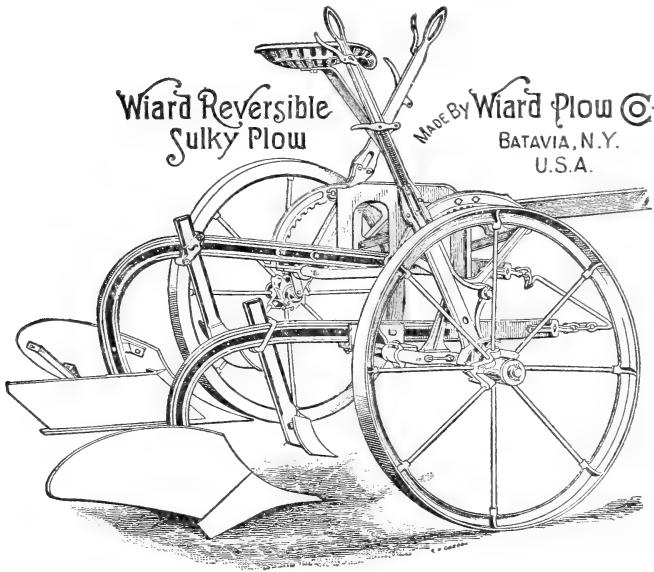
This Plow rolls the furrow and does not shove it like the Syracuse, making it a much easier draft. This feature is worth everything.

This Plow has proven very popular with our farmers. The shape of this Plow is unsurpassed. Well adapted to all soils. Capacity 6 to 9 inches deep, 10 to 14 inches wide. Weight with Clevis 106 lbs. Price complete \$13.50.



No. 10-B.—Price \$8.00 to \$10.00

For one-horse, plows 4 to 7 inches deep, 6 to 10 inches wide; weight 77 pounds.



As shown in the illustration, there are two steelboard plows, one right and one left hand both operated by separate levers and having an automatic power lift. The plows have the highest grade soft-center steel moldboards.

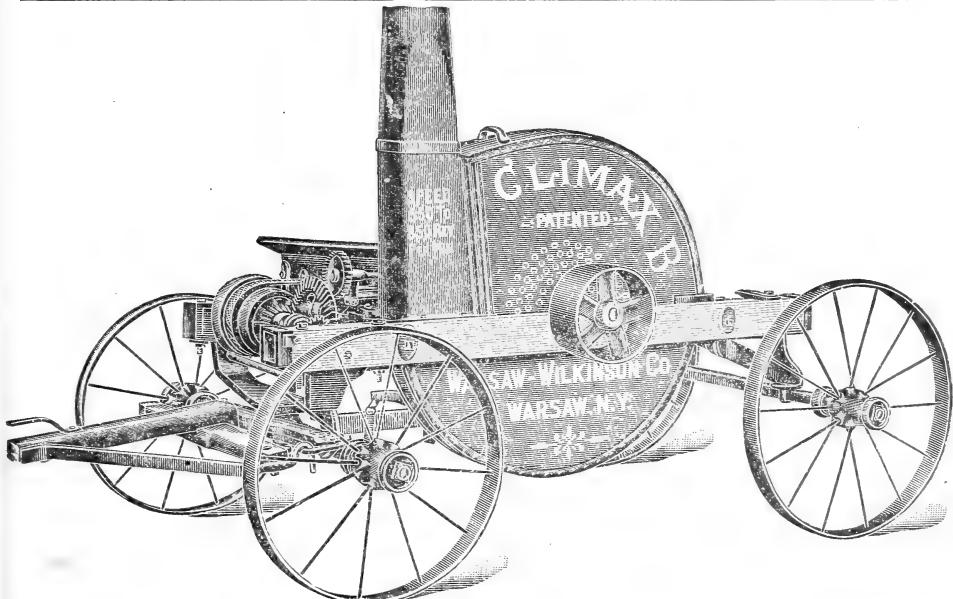
Two or Three-Horse—Weight 550 Lbs. Price \$55.00.

Above is shown our Reversible or Double Sulky Plow, which we have perfected, and will have ready for the spring trade of 1906.

This Sulky is adapted to all soils, leaves no ridges or dead furrows, and does perfect work on either level land or side hill.

It is very simple, easy to handle and is lightly constructed, the material used being mostly steel and malleable iron, making it very strong and durable.

Double Sulky Steel Plow,	\$55.00	Single Sulky Chilled Plow,	\$35.00
Single Sulky Steel Plow,	38.00	Three-Horse Hitch, (extra)	1.00



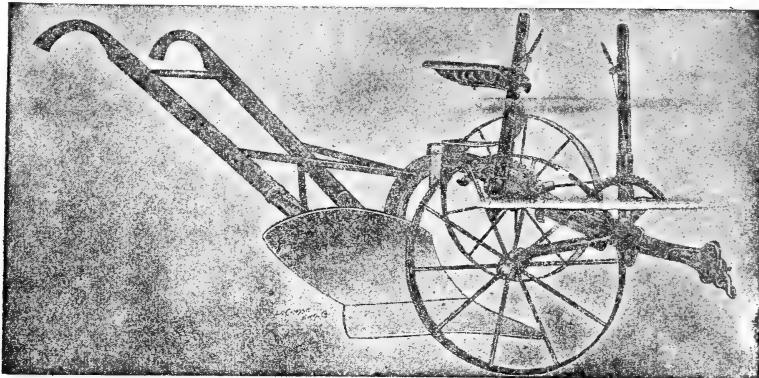
Mounted, Set Up, Ready to Operate.

CLIMAX ENSLAGE CUTTERS.

The best on the market—absolutely guaranteed. Ask for catalogue and prices.

MUNNSVILLE PLOWS.

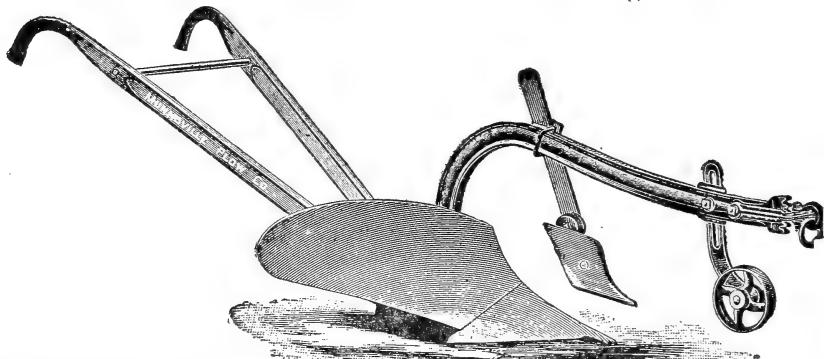
**THE MUNNSVILLE PLOW SULKY WITH RIDING ATTACHMENT
COMPLETE \$27.00, RIDING ATTACHMENT ONLY, \$15.00**



They can be attached or removed from any steel or wood beam plow in a very few minutes. The extra weight of the driver is overcome by carrying the whole weight on the wheels instead of dragging the weight of the plow on the landside as usual. Prove it by drawing by hand this Sulky with a plow attached with a man on the seat, or with a plow alone. With the aid of the handles attached, it can be handled much easier where there are roots or other obstructions. Where all is clear, remove the handles. It has sufficient strength and yet is lighter than the ordinary sulky plow. It is easily attached to a harrow. The addition of an extra horse to the team will double the amount of work done ordinarily. Price very low for benefit derived.

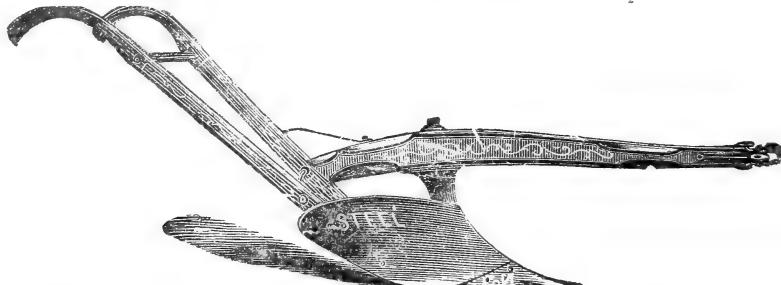
Howard & Son, of Clyde, own one of the most extensively made and highly recommended Sulky Plows and they consider this SULKY when attached to a MUNNSVILLE STEEL plow far superior.

STEEL BEAM PLOW, No. 10.—“The Big Seller.”



This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. **Price \$13.50.**

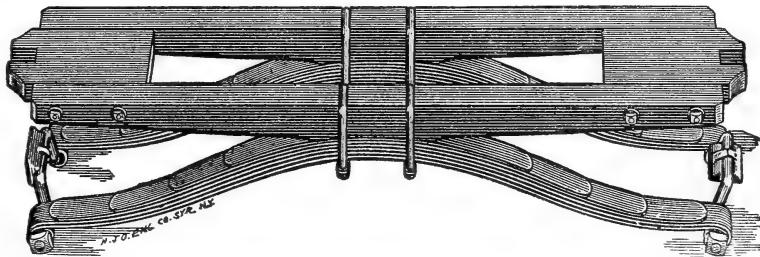
ONEIDA VALLEY CLIPPER No. 2½.



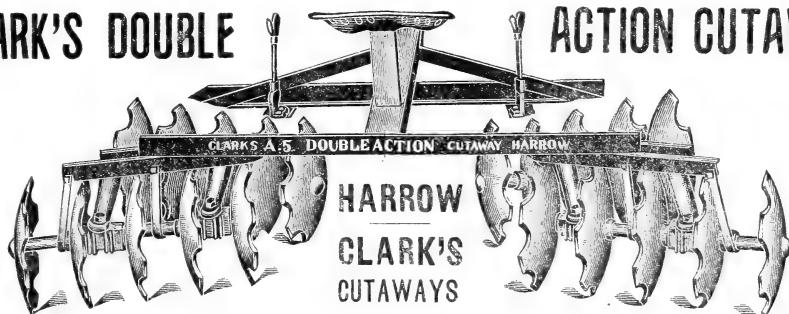
This is a light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. **Price \$9.00 plain.** This cut also represents our new 2 1-2 chilled plow. **Price \$7.50.**

**NO. 7 PLOW.**

7	One Horse	Chilled Steel	4 to 6 inches deep, 8 to 12 inches wide	85 lbs.	Price, \$8.00
	One Horse		4 to 6 inches deep, 8 to 12 inches wide	75 lbs.	" 9.00

MUNNSVILLE PLOW COMPANY'S BOLSTER SPRINGS.

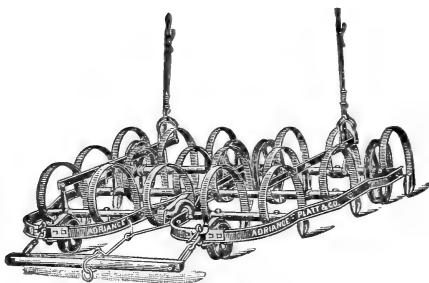
It will pay any person who owns or uses a Lumber Wagon to provide it with Springs for three very good reasons. First.—It saves the team much labor. Second.—It relieves the wagon of the dead strain. Third.—It carries a load soft and easy.

CLARK'S DOUBLE ACTION CUTAWAY

The Double Action Harrow does between two and three times as much work as any single action harrow, either solid or cut out. It makes and keeps the land true all the time. The draft of the Double Action is very little if any more than the draft of the solid disk harrow and does more than three times as much work and better. This is brought about in part by one set of disks following central behind the other; again there is only one-half as much tramping of teams in doing the work. Immediately after the first gang of disks lifts the earth the second gang of disks strikes and follows central cutting and lifting it deeper than the first set and levelling the earth completely, which cannot be said of any other disk harrow ever made. All single action disk harrows ridge the land more or less, even with the most careful driver.

Please bear in mind that the **Clark's Grass Tools** are in order whenever the frost is out of the ground, especially the **Double Action Cutaway Harrow, 8-foot Smoothing or Grading Harrow**, and the **Clark's 26-Reversible Cutaway Sulky Disk Plow**. The facts are, we make a large number of intense cultivators which improves the soil. The more you cultivate, the better crops you will have, and if you will give us timely notice we will see to it that your wants are supplied in time and at a low price.

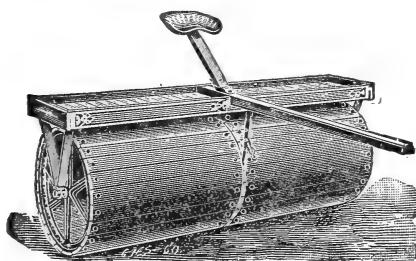
PRICE.**\$35.00.**

**ADRIANCE HARROWS.**

Spring Tooth, with Self-Setting Levers, on Wheels, with or without Seat, \$18.00, \$19.00.

Spring Tooth Harrow, with Shoes in place of Wheels, \$15.00.

Peg Tooth with Levers, Adjustable Teeth and Strong Frames, \$13.00.

**LAND ROLLER.**

Oak Stave Roller, Two Sections \$20.00

Steel Roller, 26 inch, Two Sections, \$25.00

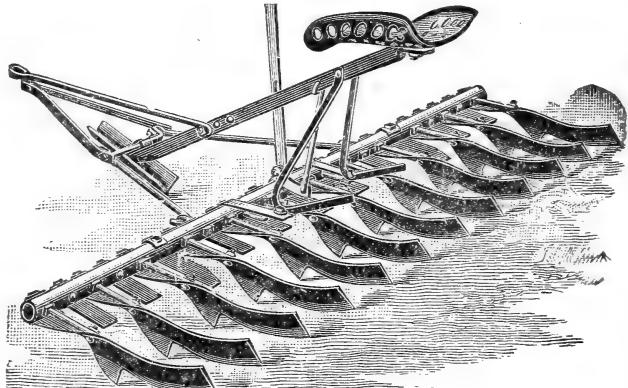
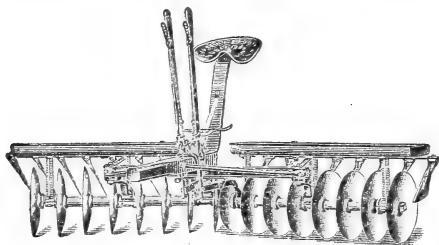
Lawn and Garden Roller \$8.00 to \$12.00

We sold more Rollers last season than any three years before.

**ACME
PULVERIZING
HARROW.**

A grand implement and a great labor saver.

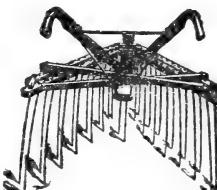
PRICE \$15.00

**NEW YORK DISK HARROW.**

The great labor saver. Every farmer should have one.

PRICE \$22.00 to \$26.00

**KEYSTONE
ADJUSTABLE
WEEDER.**



Can expand to 7 1-2 feet and narrow to 30 inches.

\$11.00

'BUY YOUR HARDWARE, CUTLERY, GLASS AND GRANITE WARE OF US.'

UNITED STATES CREAM SEPARATOR

**Holds World's Record for Cleanest Skimming.
EASY RUNNING. LONG WEARING.**

For over 15 years the U. S. Separator has been making a reputation for reliability that stands today unequalled. It has proved to thousands of dairymen that it not only does the best work but it can be depended upon to do it all the time. That is what counts in the long run, and experience has proved that the U.S. is built to run a long time.

CHAMPION MILK COOLER AERATOR

Automatic, Simple, Efficient, Durable.

Be sure to get one large enough, as best cooling results are obtained with low pressure of milk in the receiver.



No. Receiver.	Size of Dairy.	Price
1 10 quarts	1 to 10 cows	\$7.00
2 18 "	10 to 25 "	7.00
3 34 "	25 to 50 "	8.00
4 52 "	50 to 100 "	10.00

Extra sizes on special orders.

Prices include double cheese cloth strainer and spring pins.



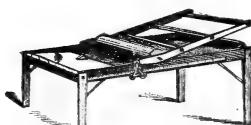
Examine the U. S.

Sizes.	Capacity,	Milk per hour.	Price.
No. 9, Without Base,	150 to 175 lbs.,	\$ 49.00	
No. 8, Solid Frame,	275 to 300 "	60.00	
No. 7, "	350 to 400 "	70.00	
No. 6, "	450 to 500 "	80.00	
No. 5, "	650 to 700 "	100.00	
Clutch Pulley for			
Power	14 in. diam., 3 in. face,	3.50	
Iron Stand for No. 9 only, extra, . . . . .			.50

**EUREKA BUTTER WORKER.
Price List.**

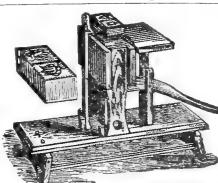
No. 1, Family size, works	8 to 12 lbs.....	\$ 6.00
No. 2, Dairy size, "	10 to 20 lbs.....	8.00
No. 3, "	26 to 40 lbs.....	10.00
No. 4, "	40 to 60 lbs.....	12.00

Write for special circulars.

**Eureka Butter Printer.**

Self-gauging.

Per pound or half pound.	
No. 1.....	\$4.50
No. 2.....	3.50

**Nesbit Butter Printer.**

½ lb	\$1.00
1 lb	4.50

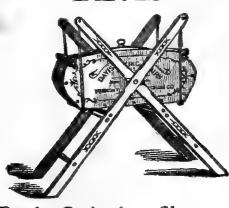
Self-gauging \$1.00

extra.

DAVIS SWING CHURN---Complete with Folding Frame.

This is the regular frame, and is always sent unless specially ordered otherwise. Tilting Frame extra, \$1.00.

Size.	Will Churn.	Capacity.	Lbs.	Price.	Extra for iron
No. 1,	4 gal., or less,	8 gal.	55	\$.700	\$.75
No. 2,	5 gal.,	10 "	59	8.00	.75
No. 3,	8 gal.,	16 "	73	10.00	.75
No. 4,	10 gal.,	20 "	85	12.00	.75
No. 5,	13 gal.,	26 "	98	11.90	1.00
No. 6,	17 gal.,	34 "	112	18.00	1.00



Davis Swinging Churn.

TIN SHOP.

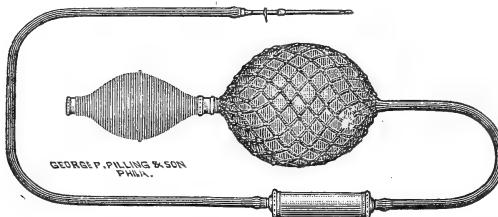
MILK CANS—ALL SIZES.—Milkmens are invited to examine our work. Repairing promptly done, in the best manner and at moderate prices.

PEDDLING CANS IN 20, 30, 40, 50 AND 60 QUART SIZES.

Aerators made to order. Tin Gutters, Galvanized Gutters, Tin Roofing. Stencil Cutting, Galvanized Iron Work. Everything in Tin Work made to order on short notice and in the best manner. Shears, Scissors, Knives and Saws Sharpened and Repaired, also General Jobbing.

Milk Bottles and Milk Caps always in Stock.

Quart Milk Bottles	75 cents per doz.	Quart Dippers	.30 to .50
Pint "	65 " "	Strainers	.50 to 1.60
Milk Caps	25 " " 1.00	Tin Milk Pans, per doz	1.50 to 3.00
Carrying Cans, all sizes	\$.50 to 2.25	Tin Milk Pails, all sizes	.30 to .75
Dairy Cans	6.50 to 8.50	Sprinkling Pots,	.25 to 1.25
Wholesale Cans	.50 cents	Excelsior Strainers	2.50
Strainer Pails	.50 to .75	"Our Own" Strainers	2.00
Pint Dippers	.30 to .50	Aerators	4.00 to 6.00



GEORGE P. PILLING & SON,
PHILA.

MILK FEVER OUTFIT. For Sterilized Air Treatment.

This treatment has cured 97 per cent. of all cases treated.

This treatment is recommended by the Bureau of Animal Industry, United States government, Department of Agriculture.

The outfit consists of the instrument as shown above, and in addition a roll of tape and a package of carbolized cotton and full directions, neatly packed. Price, \$3.0 net.

Price List of Gravity Cream Separator.

No. 0 holds 7 gal., used for 1 to 2 cows, 60 lbs. milk per day,	.	.	.	.	.	\$2.50
No. 1 " 11 " " 2 to 3 " 100 " "	.	.	.	.	.	4.50
No. 1 1/2 " 18 " " 3 to 4 " 150 " "	.	.	.	.	.	5.50
No. 2 " 25 " " 4 to 7 " 200 " "	.	.	.	.	.	6.50

MILKING TUBES.

For sore and obstructed Teats and for Hard Milking Cows.

Full Directions with Each Tube. 35 cents to \$1.25 each.



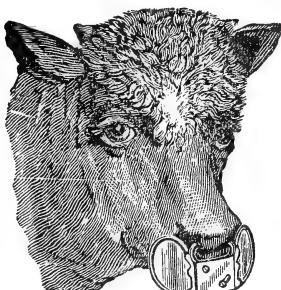
SCALES.

Platform Scales	.....	\$8.00 to \$12.00
Counter Scales, Single Beams	.....	2.50
" Double Beams	.....	3.00

RICE'S CALF WEANER AND SUCKING COW MUZZLE.

For preventing Calves and Cows sucking themselves or each other.

No. 1—For Calves till 1 year old, 30c, by mail postpaid 35c
 No. 2—From 1 to 2 years old, 50c, by mail postpaid 56c
 No. 3—For full grown animals and self suckers, 75c, by mail postpaid 85c



**Milk Bottles and
Caps in Quart
and Pint Always
In Stock. . . .**

BARREL CHURNs.

No. 0.—	4 gallon, will churn,	2 gallons	\$3.50
No. 1.—	10 "	5 "	4.50
No. 2.—	15 "	8 "	5.00
No. 3.—	20 "	10 "	5.50
No. 4.—	25 "	12 "	7.00
No. 5.—	30 "	14 "	8.00

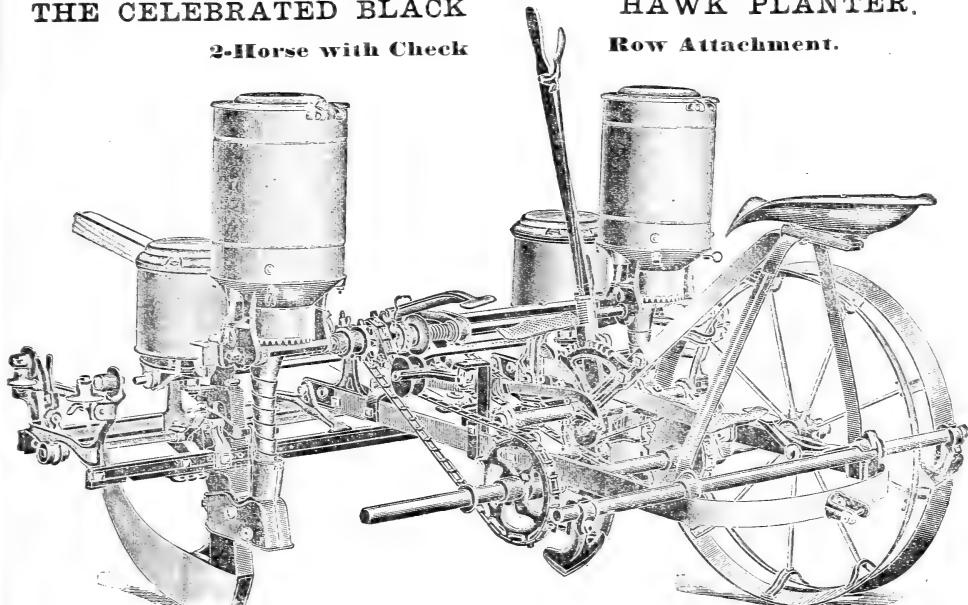
Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers. Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



SHATTUCK'S PATENT ADJUSTABLE MILK PAIL HOLDER.
 Makes Milking Easy. Price \$1.00.

**THE CELEBRATED BLACK
2-Horse with Check**

**HAWK PLANTER.
Row Attachment.**



We had a full carload last season, and a full carload is being shipped us this season.

BLACK HAWK 2-ROW CORN PLANTER.

Accuracy of Drop is acknowledged by the best farmers to be the essential feature of a planter and evidently the leading manufacturers of corn planting machinery are of the same opinion, as you will note from the extracts quoted below, taken from their printed matter.

"Without an accurate drop, a corn planter is an expensive luxury to a farmer."

"A loss of a stock of corn in every other hill (3 1-2 feet apart) is a loss of ten bushels to the acre, or \$100.00 on a field of forty acres."

The Black Hawk averages less than half as many imperfect hills as any other planter.

"The primary requisites in a planter is the uniformity in the number of grains dropped in good condition per hill."

Price \$55.00 Complete. Less Fertilizer Attachment, \$15.00.

BOWKER'S CELEBRATED FERTILIZERS.

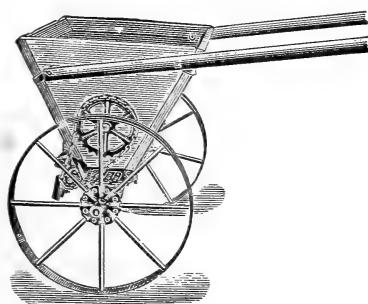
We are Sole Agents for the Celebrated Bowker Fertilizer. Sold strictly for Cash at very close margin of profit.

WE CARRY IN STOCK THE FOLLOWING BRANDS:

Hill and Drill, Sure Crop, Corn and Grain, Potash or Staple, Potash Bone, Market Garden, Am. Dissolved Bone or Farm and Garden, 10 per cent Manure, Hop and Potato, Golden Harvest, Empire State, Farm and Garden, Am. Dissolved Bone, Soluble Bone, Early Potato.

STOCKBRIDGE SPECIAL MANURES FOR

Potatoes, Corn, Grain, Vegetables, Onions, Cabbage, Cauliflower, Peas, Beans, Asparagus, Celery, Tobacco, Lettuce, Spinach, Strawberries and Fruit.



NO. 12 MCWHORTER'S FERTILIZER DISTRIBUTOR.

For the Practical, Superior Distribution of all Commercial Fertilizers.

This machine is particularly adapted to the farmer and gardener. It is so arranged that the fertilizer can be applied in any manner that may be desired, as the operator has perfect control of the spread and division of the fertilizer.

Packed weight 136 lbs. Hopper capacity 200 lbs. fertilizer.

Do more and better work than any other Distributors of their size on the market.

Price \$17.00.

M. M. S. Poultry Fencing

Has more good qualities than all others combined—cabled selvage and a cable every foot in height of fence. Requires fewer posts and No Top or Bottom Rail.

**Pleasing—Serviceable—Practical
Economical—Satisfactory.**

Saves 50 per cent in cost of completed fence.
We also manufacture a full line of

HOG, SHEEP AND FIELD FENCING.

Our Steel Web Picket Fence, for door yard, Lawns, Parks, Cemeteries, Etc., has no equal for beauty, service and economy.

Catalogue Free.



Pat. July 21, 1896.

[Trade Mark.]

Pat. July 6, 1897.

It is made of the best No. 16 Galvanized Steel Wire, smoothly and evenly woven, and retains its full height before as well as after stretching. Beginning at the bottom, the spacing between the horizontal wires for the first foot is 1 3/4 in. second foot

2 1/8 in., and 3 1/8 in. above. The body wires run horizontally and are parallel to each other, therefore in stretching up the fence, as the tension is on the straight line the fencing CANNOT possibly CONTRACT or BUCKLE between the posts. This feature alone, which is of great value, does away with the necessity of using a top or bottom rail, and fully three-fourths of the number of posts required in the old-fashioned poultry netting. In order to give the fence additional strength, a cable composed of two wires twisted together, running lengthwise, is placed every foot in the height of the fence. Each bale 10 rods (165 feet) long. In comparing prices with ordinary poultry netting, remember these bales are 15 feet longer. Price list below. Five per cent. discount on 5 bales or more.

No. 19 Galvanized Wire.

In. high.	Per bale.						
12	\$1.30	48	3.25	12	\$2.00	48	6.20
18	1.60	60	3.85	18	3.00	60	7.60
24	2.00	72	4.35	24	3.80	72	8.60
30	2.35	84	4.95	30	4.40	84	9.20
+ 36	2.65			36	5.00		

I also offer the American Steel and Wire Company's Poultry and Rabbit Fence in various heights. This is a strong fencing, and built for long service and hard wear.

REX FLINTKOTE ROOFING

**A Permanent Roofing
for Factories, Business
Blocks, Public Build-
ings, Ice Houses, Etc.**



**A Splendid Roofing for
Farm Buildings, Pou-
try Buildings, Dwell-
ings, Sheds, Etc.**

This is made from best non-conducting wool felt obtainable, thoroughly and evenly saturated with compounds containing no tar or asphaltum, which renders the roofing WATER, ACID, ALKALI, STEAM and GAS FUME PROOF. It is unaffected by heat or cold, and can be laid in any climate. It is FIRE RESISTING, and for this reason is endorsed by many boards of fire underwriters.

Rex Flintkote may be laid by any man by following the plain directions—not only that, but everything required (except a hammer) is in each roll. The labor is simple and quick—so different from shingles or tin.

Not only cheaper, but far more durable than best shingles or metal roofing.

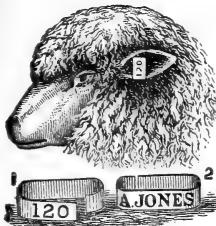
Descriptive booklet, samples and prices cheerfully given on application.

PRICE LIST.

1-2 Ply per square (100 square feet)	.....	\$1.75
1 " " "	.....	2.25
2 " " "	.....	3.25
3 " " "	.....	4.00



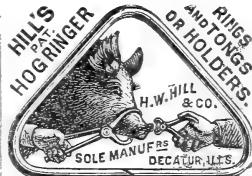
Red Rope Roofing Tarred Roofing 250 square feet to the roll, \$2.50 per roll; including nails and caps. Guaranteed water and wind proof. 2-ply, 108 square feet per roll \$.90 per roll 3-ply, 108 square feet per roll 1.00 per roll



DANA'S STOCK LABELS
For Cattle, Sheep, Hogs, Etc.

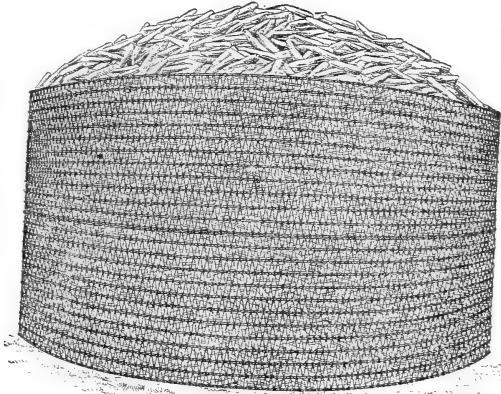
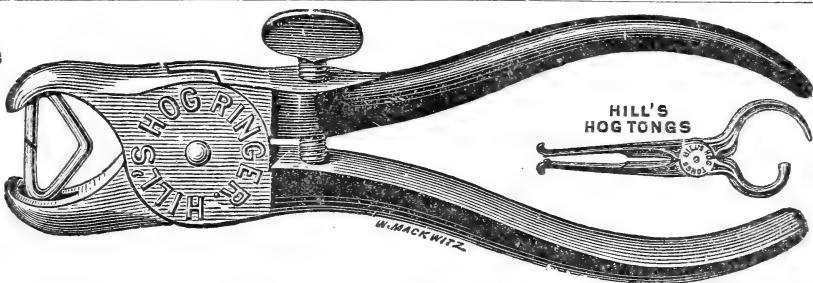
Cattle Labels, . . . 75¢ dozen, \$4.00 per 100
Sheep and Hog Labels, 50¢ doz., \$2.50 per 100
Punches for Cattle, \$1.50 each
" " Calves, 1.25 each
" " Sheep and Hogs, . . 1.00 each

The above mailed you upon receipt of price named.



Hog Rings
10 Cents
Per Box.

Hog
Ringer
25 Cents



AMERICAN STEEL CORN CRIB.

Sold in Syracuse only by F. H. Ebeling.

Made entirely of galvanized steel. No wood to decay or burn. Does not hold moisture. Admits of thorough ventilation. Does not shelter vermin. Many times stronger and much more durable than wood, or any combination of wood and wire.

Easy to build and easy to move. Inexpensive, in fact, costs less than wood or other inferior cribbing on the market. Price according to height.

American cribbing is furnished in widths to meet any requirements as to height of wall.

Hand and Power Root Cutter.



Has a capacity of 80 to 100 bu. per hour.
One bushel per minute has been cut as a test, many times.

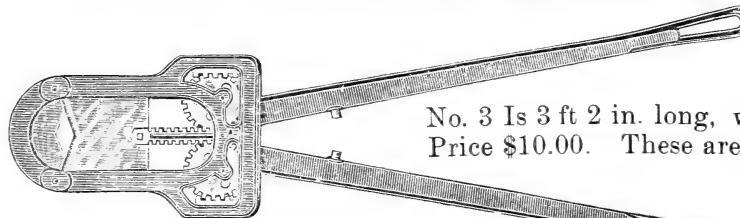
Price, **\$8.50** and upward.

BLATCHFORD'S CALF MEAL.

Calf Meal is composed entirely of choice selected condiments, oleaginous and leguminous seeds, lentils, flaxseed, locust bean meal, dried milk and flour, all of the best quality, finely ground and carefully combined in such proportions as a long practical and scientific experience (nearly one hundred years) has proved to be correct. It is then slowly cooked in large heaters. The result is a meal of great and unexcelled nutritive value, thoroughly prepared for the stomach of the calf and ready for digestion. Calf Meal contains an abundance of flesh, fat, bone, blood and tissue producing elements in proper proportions, and it is most carefully compounded to correspond as nearly as possible in nutritive value with the chemical constituents actually present in the solid matter of the new milk itself. It has, therefore, always proved a most useful and satisfactory substitute for it.

Calf meal contains all the elements of new milk, and pure dried milk is used in its manufacture. In one hundred pounds of cow's milk there are 12.8 pounds of solid matter, the rest is water; of this 12.8 pounds of solid matter 3.6 pounds are protein (see Prof. Henry's "Feeds and Feeding," page 226), and in 12.8 pounds of Calf Meal there are 3.2 pounds of protein, as per the average analysis of 25 per cent., protein branded on every bag shipped, which is rather under than over the actual amount.

Price per 100, \$4.00 Per 25, \$1.25

DR. LEAVITT'S DOUBLE POWER DERHORNING CLIPPERS.

No. 2 is 3 ft.
long, weighs
12 lbs. \$8.00

No. 3 Is 3 ft 2 in. long, weighs 15 lbs.
Price \$10.00. These are made with V
blades or slant
blades or bull
style.

KOW KURE is a medicine especially designed for the cow and it is the only remedy known that entirely fits her case. It is carefully compounded of twelve drugs which may be divided into four sets; there is one set acting on the womb and other organs of generation; another set acting upon the stomach; another set on the blood, and the fourth on the kidneys and bladder.

WHAT IT DOES—Kow-Kure prevents abortion by aiding nature to give nourishment to the organs of the generation and strength to the muscles of the womb. We know of no other medicine that will do this. It cures barrenness and retained afterbirth in the same way. It improves appetite and aids digestion, thereby increasing the flow of milk. It enriches and vitalizes the blood, curing bunches and inflammation. It cures diseases of the kidneys and bladder. Kow-Kure is in every sense a medicine and in no sense a food. Fed to milch cows it improves their condition and increases milk and cream ten per cent. Cost about one cent per day per cow. Price 50c and \$1.00.



**KERNAN WELCOME
Cauldron Furnace.**

FOR COAL OR WOOD.

Furnace and Kettle for Wood	
15 gallon	\$10 63
22 "	13 13
30 "	16 25
45 "	18 75
60 "	22 50
Furnace and Kettle for Coal.	
15 gallon	\$13 13
22 "	16 25
30 "	20 00
45 "	23 13
60 "	27 50



FARMER'S FAVORITE COOKERS.

Complete as shown in cut,

80 gallons	22x24x13 1-2	24 Inches	\$ 8 00
40 "	22x30x14	30 "	9 00
50 "	22x36x15	36 "	10 00
75 "	22x48x17	48 "	12 00

With this cooker you are not obliged to have a special brick foundation to make it safe thus making it necessary to use it in that particular place only. But it may be used anywhere, in the back kitchen, milk room, shop, wood house, cellar, hog house, poultry house, barn, or out of doors, with perfect safety.

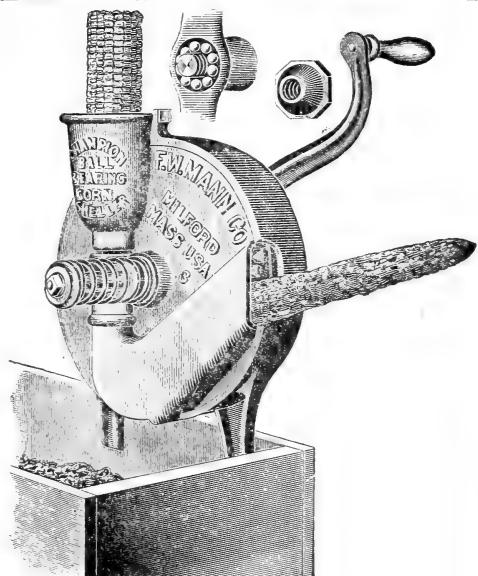
THE CHAMPION

BALL-BEARING

SHELLER

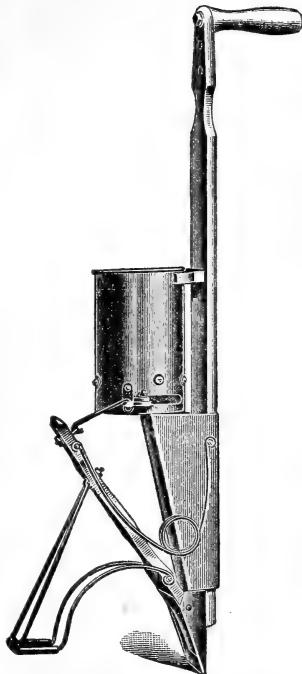
Has no equal. It is the best and cheapest Sheller on the market.

Price, \$2.50.



THE AMERICAN STANDARD HAND CORN PLANTER.

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.50

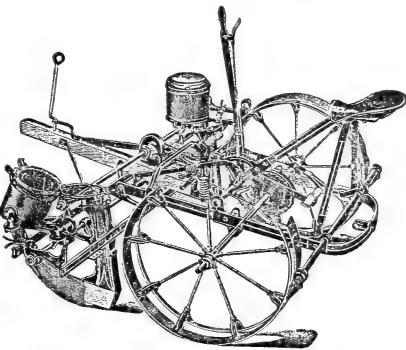


WIARD'S AUTOMATIC HAND CORN PLANTER.

Simple, Durable, Economical. None Better
Price \$1.50.

BLACK HAWK CORN PLANTER.

This plants two rows at a time and is the latest addition to the justly celebrated line of Planters. It is so simple that it is next to impossible for it to get 'out of fix', and in the matter of convenience is simply in a class by itself. The drop works on the 'edge selection' principle, taking advantage of the fact that kernels of corn, while varying greatly in size, are comparatively uniform in thickness. This gives the Planter an extremely accurate drop. The valve mechanism is entirely enclosed within the shank, and is not affected by corn stalks or other trash. The corn is forced out of the heel in perfect check, regardless of the speed of the team, and there is no clogging of the heel. It is always ready for either hillling or drilling, no change of the valves being necessary and no change of plates for distances most used. The foot-drop is always ready for use and is convenient to the foot. While the front and back frames are extremely rigid, there is a spring connection between the two, allowing the Planter to follow the inequalities of the surface of the ground.



The automatic reel is simple and effective and so situated that it need never be removed from the Planter, although it may be taken off by simply removing one spring cotter. An adjustable seat adds greatly to the comfort of the operator.

Price for Corn Planter, Check Rower and Drill, **\$15.00** With Fertilizer attached, **\$55.00**

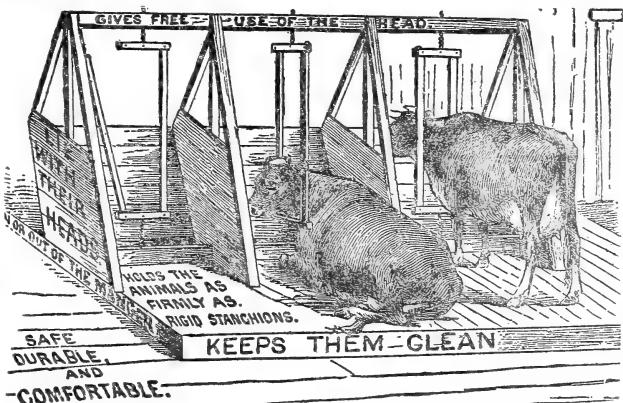
Refer to Skiff Bros., of Salina; Henry Lacy of the Third National Bank, Alderman Frank Matty, Averill & Gregory, Fred Volmer, Cicero, and E. F. Allen Fayetteville, who are using them.

WARRINER PATENT CHAIN HANGING STANCHION.

SIZES—Young Stock, 5 1-2 in.
Cow, 6 1-2, 7, 7 1-2 in.;
Steer, 9, 10, 11 in.;
Bull, 10, 11, 12 in.

Mr. H. A. Moyer of Syracuse, N. Y., one of the most prominent Holstein breeders in this country says: "I have now in use 42 Warriner Stanchions. The last 30 purchased of you were to take the place of 30 of the finest swinging stanchions without chain connections that I have ever seen, yet I would not take them as a gift and use them in place of yours. It gives me great pleasure to watch my fullage Holstein cows get up and lie down in them. When they start to get up the bottom swings forward about four inches, and then the top swings back about the same, making the fastener exactly fit the animal's changing position. No more straining, stumbling around, or falling down. They also swing sideways five or six inches, giving the animal great freedom and comfort. They act exactly like a ball hung in the air by a string with no friction or noise. I truly believe they will save more than their price in feed the first winter they are in use, and I gladly recommend them at every opportunity."

Mr. T. A. Mitchell, Weedsport, N. Y., says: "The Warriner Stanchions are all right. I am very much pleased with them." Price \$1.25; special price in larger lots.

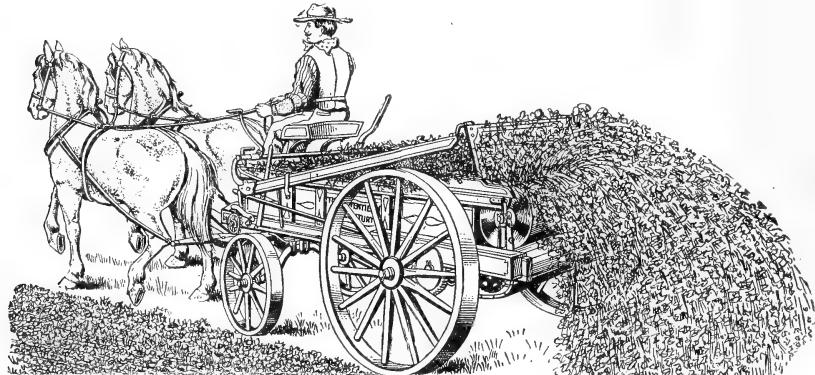


KEMP MANURE SPREADER.**Nothing succeeds like "Success".****THE BEST MANURE SPREADER.**

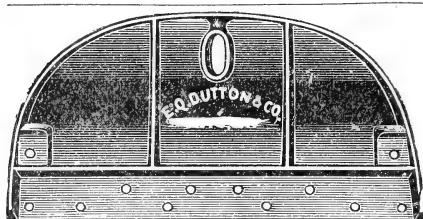
No Manure Spreader gives such satisfaction. Success to the dealer who sells it: success to the farmer who buys it. It will spread all kinds of manure or fertilizer in quantities to suit the requirements of the soil.

It economizes labor**It economizes manure****It increases crops****PRICE**

30 bu. capacity	\$110.00
40 " "	115.00
50 " "	120.00

**IRON HOG TROUGH.**

No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 50 cents per foot.

**IRON STONE BOAT HEAD.**

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price \$3.00 Each**COMPRESSED SALT CAKES AND FRAMES**

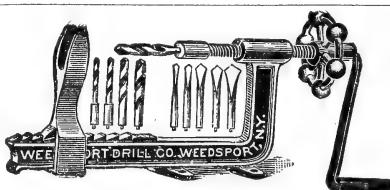
For Horses Cattle and Sheep

PATENTED

Pure Refined Salt, acts as a tonic, invigorates the system, promotes digestion and purifies the blood.

25c Per Cake, 5 Cakes \$1.00

Frames 25 Cents



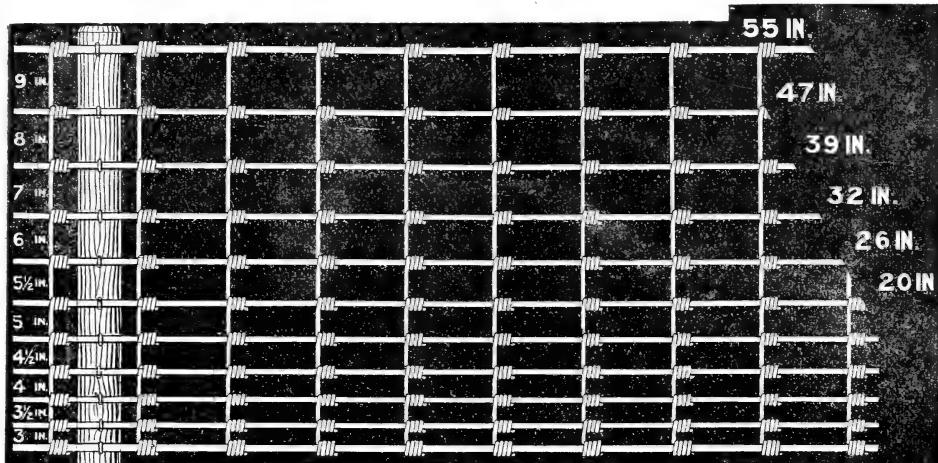
Farmers' Combination Clamp and Drill.
\$2.25 with Diamond Point Drills.

Extra Drills 10c each..
\$3.00 with Syracuse Twist Drills.

Extra Drills 25c each..
The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice, or hand drill.

"AMERICAN" FIELD AND HOG FENCING IN ALL SIZES.

Price never so low. You can now fence at a small cost. Have 3 cars in stock of the leading sizes.



Special Horse, Hog and Cattle Fence.

The Lott Fence Stretcher should be owned by every farmer. The only tool for putting up the American Field and Hog Fencing. Price, \$5.00.

CLIMAX STEEL FENCE POST.

	Height Above Base.	Price Each
Line Post , Base 3x5x30 inches.		
1 $\frac{1}{4}$ x1 $\frac{1}{4}$ x5-32 in. angle upright	50 in.	\$.40
1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3-16 in. " "	50 in.	.40
1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3-16 in. " "	60 in.	.50

Corner Posts, Base 4x6x36 inches.

2x2x $\frac{1}{4}$ in. angle upright	52 in.	\$ 3.00
2x2x $\frac{3}{8}$ in. " "	52 in.	3.50
2x2x $\frac{3}{8}$ in. " "	60 in.	3.75

Height Above Base.	Price Each
Gate Hinges, each	.25
Gate Latches, each	.25
Acorn Top for 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3-16 in. angle	.10
Acorn Top for 2x2x $\frac{1}{4}$ and $\frac{3}{8}$ in. angle	.25

All Angle Uprights are made of high carbon Bessemer Steel.

All Bases are made of vitrified clay glazed like sewer pipe.

All Line Posts are punched suitable for any kind of wire fencing.

All End and Corner Posts are not punched. (Wire to be wound around the post--the strain keeps it in place.)

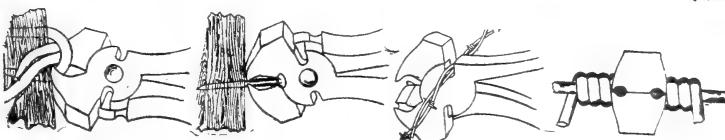
7--TOOLS IN ONE--7

A Crack-a-Jack Seller. Price \$1.00.



WANTED BY 6,000,000 FARMERS.

It takes the Place of Button Pliers.



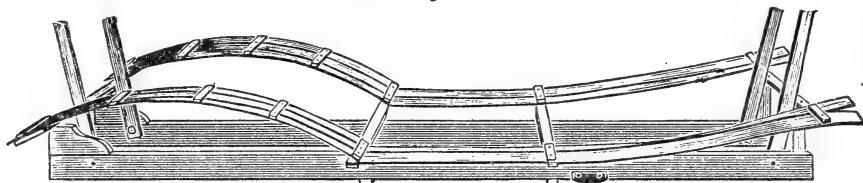
It drives, pulls, makes and saves staples; cuts, splices and strengthens wire; is a wrench, a pincer; wire tightener; removes wire trellises; is nail puller, a hammer. Saves bending and cutting wire. Saves time and wages. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

The Big Success.

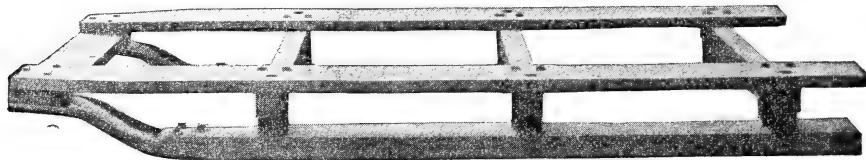
BUY ONE.

MERIDIAN HAY RACK.

We combine in our Hay Racks, simplicity, lightness, strength and durability, too well known to require any recommendation. Manufactured of selected lumber and well bolted. Price complete \$11.50.



OUR IMPROVED SLIP.

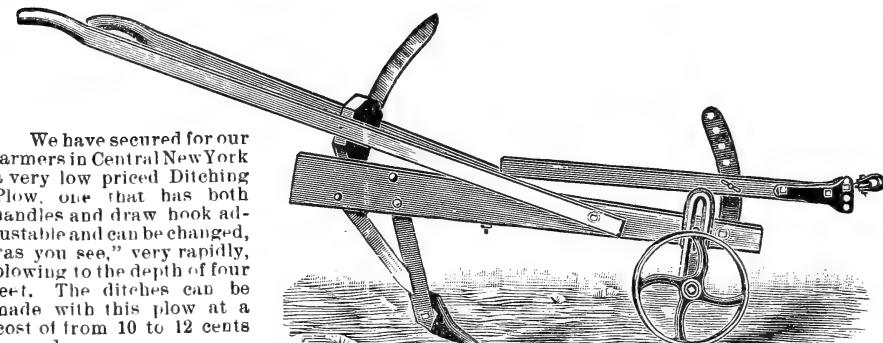


The above cut represents our Improved Slip, which any farmer can make by using our castings, which are shown in the front part of the cut. These castings are all finished and ready for the 3x6 inch maple runners. Since it is impossible to get Slip Runners sawed with the right sweep, any farmer will appreciate the benefit of our castings at a glance.

All complete like above cut, \$7.50.

Set of Shoes for above, \$2.50.

DITCHING PLOW. PRICE \$9.50



We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod.

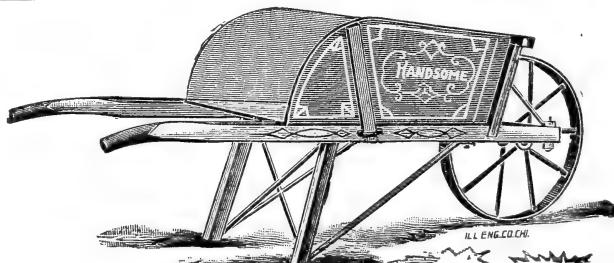
Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for fifty dollars. It is just the plow for ditching.

PRICE OF PLOW COMPLETE \$9.50

GARDEN BARROWS,
\$3.00 to \$5.00.

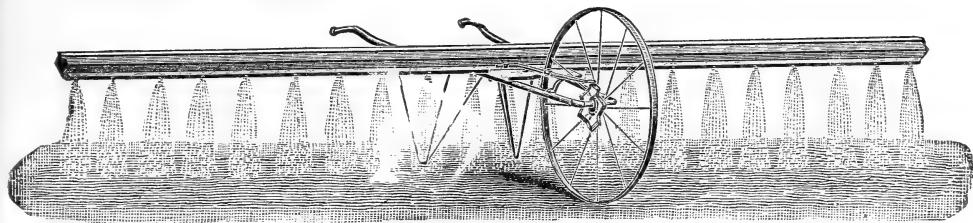
DIRT BARROWS,
\$1.75. \$2.00.

STABLE BARROWS,
STEEL TRAY,
\$2.50 and up.



"WE SELL HARDWARE, GLASS, GRANITE WARE, CUTLERY, ETC."

WHEELBARROW SEEDERS.

**WITH WOOD OR IRON FRAME.**

**They can be worked by anyone who can run a wheelbarrow,
Price, \$6.00 to \$7.00 each.**

THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass, Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

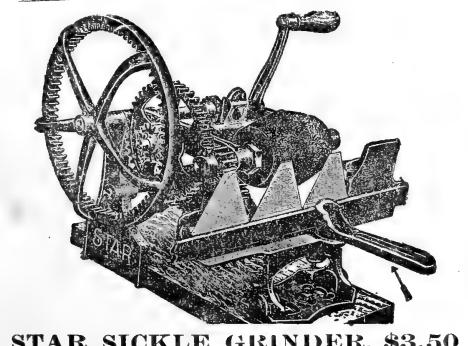
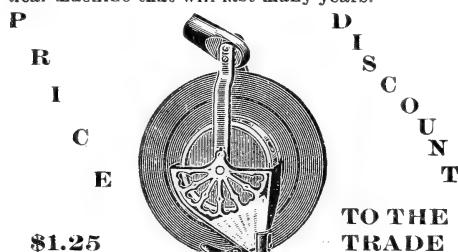
The save one-third seed and two-thirds labor.

CRANK SEEDERS	:	:	:	\$2.00
FIDDLE SEEDERS	:	:	:	\$1.50

Eureka Kitchen Garden Seed Drill

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity. Force Feed. It is only intended for small Gardens and Hot Houses.

Sows up close to the sides in straight rows. Sows the small packet of seed as well as a larger bulk. This Drill is not a toy, but a strong, practical machine that will last many years.

**STAR SICKLE GRINDER, \$3.50****THE WHERRY****Self-Setting Mole Trap**

Patented June 4, 1895.

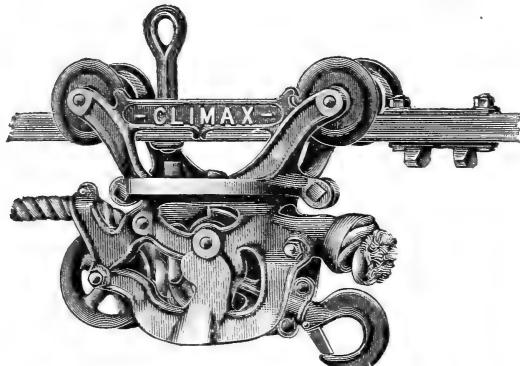
The Best Trap Made.

Sets by pulling
up the handle.

Sure Death to Moles.

PRICE \$1.25





THE NEY CLIMAX OPEN THROAT CARRIER.

With this carrier, it is possible to fill the mow closer to the comb of the roof than with any other carrier on the market. The throat has an exceptionally large opening, and the simple locking mechanism is so arranged that the lifting head or pulley locks directly on the sides or frame of the carrier, not depending on separate dogs or locks to hold the load. It is constructed and operated without the use of springs, and engages projections upon lifting pulley in a line with axis of pulley. This permits the pulley to swing very near the track and enables the carrier to work under conditions where any other carrier would necessarily fail.

REVERSIBLE HAY CARRIERS.

For either Steel or Wood Track.

Light and Durable. Runs either way on the track without changing.

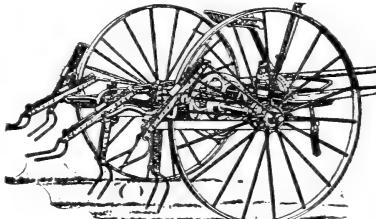
Price, \$4.50.

Ney Hay Car, steel or wood track,	\$4.50
Climax Car, open throat,	4.50
Diamond Car, wood track,	4.50
Double Harpoon Forks,	1.00
Double Harpoon Alfalfa Fork,	5.00
Steel Track per foot,	11
Pulleys in Wood and Iron, each,	25c to 75
Hanger Hooks, doz.,	75
Brackets, doz.,	40
Floor Hooks, each,	10
Tedder Teeth, each,	40
Horse Rake Teeth,	25
Rope, best Manilla, at lowest prices.	
The Steel Hay Tedder,	35.00
Adriance Steel Rake,	22.00 to 26.00
New Yorker Horse Rake,	20.00 to 24.00

We carry Haying Tools of all kinds, & Also Teeth for all Rakes and Tedders.

STEEL HAY TEDDERS.

Fully Guaranteed.

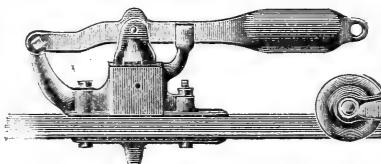


Price, \$35.00.

NEY'S SLING CARRIER.

For Double-Angle Steel Track.

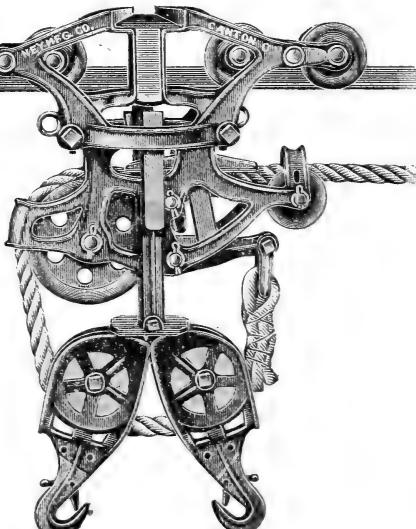
No. 75



In perfecting this up-to-date sling carrier we have raised the GENUINE NEY high stand rd of excellence by combining the results of experience and by following true mechanical principles with the greatest care. Practical worth has been the object of our endeavors and the ease and convenience with which this carrier may be operated prove that our efforts have been successful.

With the No. 75 the load may be lifted only a few feet from the floor or as high as the carrier. In the former case the carrier is released by means of the trip rope attached to the bumper on the track, while in the latter case the sling pulleys automatically release the carrier. In either instance the rope grips it automatically and hold the load at any height desired. The heavier the load the more firmly it is held, and positive action is assured under all conditions.

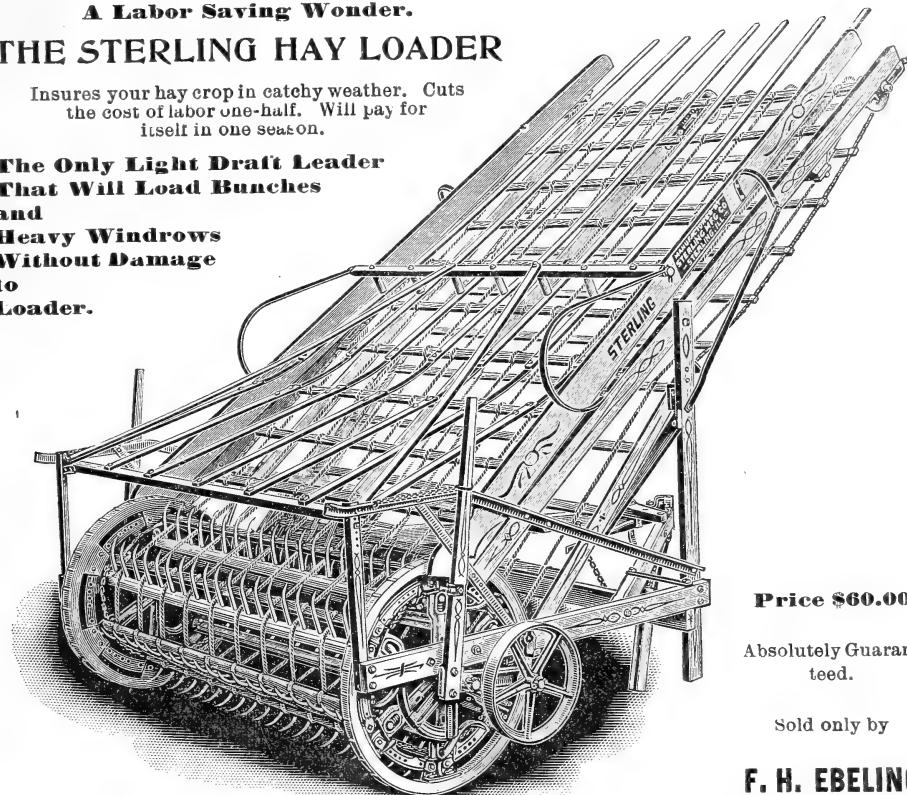
Price, \$9.00.



A Labor Saving Wonder.**THE STERLING HAY LOADER**

Insures your hay crop in rainy weather. Cuts the cost of labor one-half. Will pay for itself in one season.

**The Only Light Draft Leader
That Will Load Bunches
and
Heavy Windrows
Without Damage
to
Loader.**



Price \$60.00

Absolutely Guaranteed.

Sold only by

F. H. EBELING

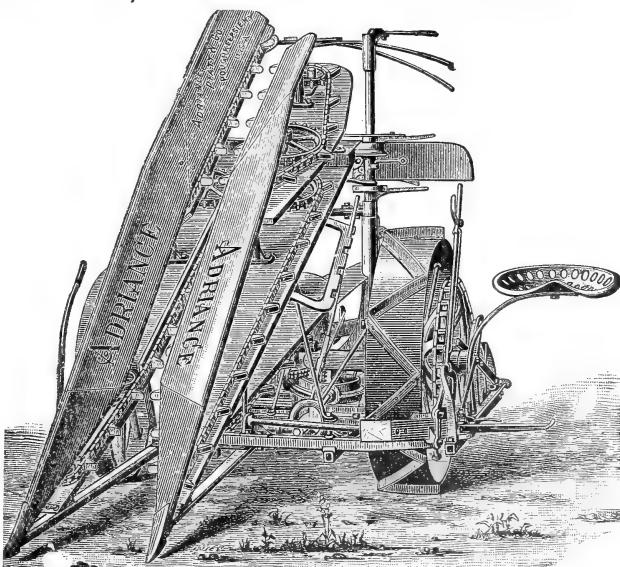
ADRIANCE CORN BINDER,

**The Best Up-to-Date
Binder on the Market.**

We can furnish a large list of names and references to whom you may refer. They can tell the facts better than we. When a machine will sell itself, as this has, there is a reason for it. Read the list of names and then go and see them.

It has all the good points of other binders and none of their faults.

Very compact, being only about 5 feet wide, in perfect control of the operator. It handles tangled corn. It discharges bundles clear of the machine, and is everything that a Good Corn Binder should be. **MADE OUTSIDE THE TRUST.** Send for Catalogue Containing Full Particulars.

CHAIN GEAR**ADRIANCE BUCKEYE MOWERS, REAPERS & BINDERS**

No. 7 Chain Gear Mower. We have sold hundreds of these machines during the thirty years of our agency in Syracuse. Every machine is absolutely guaranteed by us as well as the manufacturers. A full line of repairs always in stock.

WE SELL THE GENUINE CYPHERS INCUBATORS.

Reasons Why You Should Buy a Genuine Patent-Diaphragm, Non-Moisture Self-Ventilating and Self-Regulating Standard Cyphers Incubator—Latest Pattern.



1906 PATTERN STANDARD CYPHERS

Warrant of Superiority.—Every genuine patented Standard Cyphers Incubator, latest pattern, is positively guaranteed as follows:

First.—To require no supplied moisture, under normal conditions, thus solving and disposing of the troublesome "moisture questions."

Second.—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

Third.—To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

Fourth.—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

Fifth.—To produce **larger, stronger and healthier** chicks and ducklings than any other style or make of incubator.

Sixth—That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or if it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

NOTICE.—Cyphers Standard Incubators are guaranteed only when operated with Cyphers specially tested Incubator Thermometers, bearing trade-mark.

The Standard Cyphers is a hot-air incubator, and therefore does not possess a tin, galvanized iron or copper tank to rust out, spring a leak and water soak the machine, thereby injuring or ruining the woodwork. The improved regulator or thermostat used in the latest pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability.

All sizes of the latest pattern Standard Cyphers Incubators are equipped with a "drop bottom" for supplying ventilation when the incubator is operated during the warm months of May, June, July and August. This new and valuable feature enables the operator to meet all conditions of weather.

The No. 2 and No. 3 latest pattern Standard Cyphers Incubators are furnished with nursery drawers, the drawers occupying the nursery space underneath the egg trays, and are reached through solid wooden doors located below the glass panel door that opens into the upper portion of the hatching chambers where the egg trays are situated. These drawers will be found of great convenience in removing the chicks and ducklings from our large size incubators as often as it may be deemed advisable, without interfering in any way with the remainder of the hatch.

Cyphers Company Incubators are the only machines manufactured that lawfully can be equipped with our patented removable diaphragms, by use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate and so certain in results, that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial because the machine itself solves the "moisture problem" for them; in other words, we place in their hands a practically automatic hatcher, leaving nothing to chance or experience.

Price, No. 0—66-egg . . .	\$13.00	Price, No. 2—240-egg . . .	\$29.00
" No. 1—140 egg . . .	20.00	" No. 3—390-egg . . .	35.00

NOTICE.—Cyphers Standard Incubators are guaranteed only when operated with Cyphers specially tested Incubator Thermometers, bearing trade-mark.

LOW PRICE INCUBATORS.

There is a demand for the lower-priced incubators, and we have determined to offer the following two popular priced machines, in order to meet this demand. These machines are made of first-class materials, on the same general principles as the Standard Cyphers, and will be found to work practically and give very satisfactory hatchies. Prices as follows:

BOY'S CHOICE, capacity 50 eggs, \$7.50. FARM ECONOMY, capacity 110 eggs, \$12.00.

If you are further interested in Cyphers Incubators or other Cyphers manufactures, send ten cents to pay cost of mailing 260-page main incubator and brooder catalogue entitled "Poultry Raising Made Easy and Profitable;" 32-page descriptive circular and price list sent free.

CYPHERS UNEQUALLED APARTMENT BROODER

Free on Board Cars Syracuse, N. Y., at Factory Prices.

CYPHERS STYLE A, OUTDOOR BROODER.

FOUR STYLES.

Style A, Outdoor, Colony Brooder, size 3x6 feet	\$14.00
Self-Regulating, Outdoor, Colony Brooder, size 3x6 feet	17.00
Storm King, Outdoor, Colony Brooder, size 3x3 feet	9.00
Hygienic, Indoor Brooder, size 3 feet 6 inches by 2 feet 8 inches	8.00

Don't risk losses of well-hatched chicks in a wrongly constructed brooder when you can obtain a certainty of safety in the Cyphers Brooders. Having hatched your chicks, don't court failure by putting them in an unsatisfactory brooder.

Cyphers Brooders are fit companions for the genuine Cyphers Incubators, and, like them, are correct in principle and are well and durably made of the best materials. They have been improved as experience suggested, until to-day they are the best brooding device on the market. No other company puts into its brooders the same thickness and quality of lumber, and the same weight and quality of hardware. They furnish a safe home for the chicks both day and night. The proper test of a brooder is the actual work it does in the hands of the average operator. The superior merit of Cyphers Brooders has been fully demonstrated by the tens of thousands in successful use. Their **simplicity, certainty in operation, economy of fuel and convenience in use** have won for them the first place in practically every civilized country on the globe, and under the most trying conditions.

All styles of the 1907 pattern Cyphers Brooders are of the same high quality, without exception. They differ in shape and price only. For less money the customer simply gets less brooder, i. e., less floor space—not poorer quality, either in materials or workmanship.

Each of the four styles of Cyphers Brooders for 1907 is equipped with our latest Improved Insulated Brooder Stove, best grade Sun-Hinge Burner, our time-tested Double-Dome Heating System, trade-marked Thermometer, Sun-Proof, Water-Tight Roof and patented Eccentric Fasteners for locking corners.

All Cyphers Company Brooders, 1907 pattern, are built so that they can be shipped knock-down, and compactly crated, thus insuring much lower freight rates to all points. In setting up these brooders **no tools are required, nor is there a nail to be driven or a screw to be put in place. Not one.** With every brooder we furnish an illustrated circular of directions for setting it up.

CYPHERS STYLE A, THREE APARTMENT, OUTDOOR BROODERS AND COLONY HOUSE.

Cyphers Storm King Outdoor Brooder and Colony Roosting Coop, price,	\$ 9.00
Cyphers Improved Hygienic Indoor Brooder, price,	8.00
Cyphers Self-Regulating, Three Apartment, Outdoor Brooder and Colony House, price,	17.00

The Cyphers Style A Brooder furnishes an outdoor home for little chicks that is as near weather-proof and neglect proof as can be bought and sold at a popular price. We have manufactured these brooders during the past nine years, and the best proof of their merit is that tens of thousands have been sold and are giving the best of satisfaction.

First—It is rain-proof, storm proof and fire-proof, being equipped with a Cyphers Insulated Brooder Stove, and the entire floor of the hover chamber being protected underneath by a solid sheet of galvanized iron, with an air space between it and the wooden floor.

Second—The fumes from the brooder stove cannot pass into the chick chamber (into either apartment), but are carried out at the side of the brooder by an infallible device.

Third—The surplus heat from the insulated brooder stove preserves all of the lower wood-work of the brooder by warming and drying the soil underneath the brooder, thus making the brooder not only safer and more comfortable, but more lasting.

Fourth—The brooder stove is easy of access, being above ground and easily and quickly reached. The flame may be observed without the necessity of stooping over to look through the small mica window in the stove door.

Fifth—When the temperature underneath the chick hover is at 95 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front apartment the temperature will average several degrees lower. The chicks, therefore, may suit themselves, going to and from the heat at will.

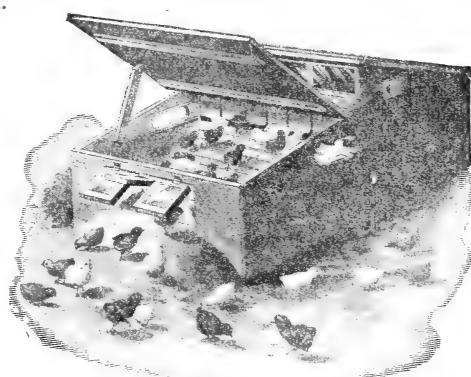
Sixth—The cylindrical chick guard prevents the chicks from crowding, and also prevents their coming in contact with the heat drum or dome to their injury.

Seventh—In this brooder there are no stairs to climb, hence no danger of little chicks getting lost and becoming chilled while learning their way in and out.

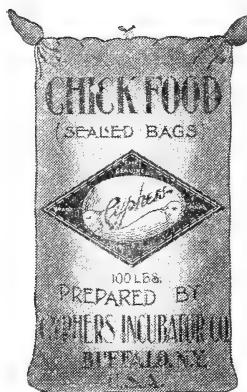
Eighth—The brooder may be readily converted into a colony house or colony roosting coop without the use of tools or the driving of a nail or screw.

Price.

\$14.00



CYPHERS CHICK FOOD.



This is a complete, scientifically compounded food, containing a mixture of many different seeds and granulated grains, properly proportioned to meet all the requirements of little chicks, from the shell to weaning age. No other food will produce as strong, sturdy chicks, or as rapid, healthy growth. Cyphers chick food is a granular food, intended to be fed in the litter. Full directions for feeding are on every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, per 50 lb. bag, \$1.40; 100 lb. bag, \$2.50.

CYPHERS DEVELOPING FOOD.

Cyphers Developing food is a special food intended for properly maturing young chicks after they are ready to be weaned from chick food, and to carry them along to the age when it is desirable to place before them the larger whole grain. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS FORCING FOOD.

This is an ideal ground grain mash food mixture, especially designed to promote rapid growth. It contains, in addition to ground grains, a sufficient amount of meat food and mealed clover, making it ready for immediate use by simply mixing with the amount of water required to make a crumbly mash. It will produce well developed, plump, attractive broilers or roasters in the shortest possible time. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS SCRATCHING FOOD.

This is the best dry grain mixture for feeding half-grown chicks or laying stock. It is made of seeds with whole and cut grains, proportioned to give the best results. Fed in the litter, it is the best exercise food ever offered for use of poultry. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturers' trade-mark and guaranteed analysis. Price, 50 lbs. \$1.15; 100 lbs. \$2.00.

CYPHERS LAYING FOOD.

This is a palatable and highly nutritious balanced ration, ready mixed for making the daily mash. It is a complete ration and contains, in addition to ground grains, the necessary meat and green food. This food is ready for use by simply mixing with sufficient water to make a crumbly mash. There is no need to worry about the proportions of the different ingredients since Cyphers Laying Food is scientifically balanced, according to a well tried formula. Put up in sealed bags only, bearing manufacturer's trade-mark and guaranteed analysis.

Price, 50 lb. bag, \$1.15; 100 lb. bag, \$2.00.

CYPHERS SHORT-CUT ALFALFA.

As an accompaniment to the mash fed by some, and the dry food fed by others, a vegetable food is indispensable; in fact no mash is complete without it. Among green foods the Alfalfa stands at the top. Our short-Cut Alfalfa is the result of the first process of milling. All the stalks, leaves and blossoms are reduced to edible lengths, and are retained in the first product. When fed in connection with dry grains, it should be scalded in a trough or a vessel and left for the fowls to eat at will.

Price, 50 lb. bag, \$1.00; 100 lb. bag, \$2.00.

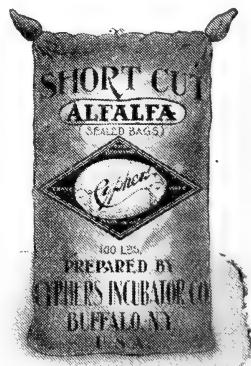
MEALED ALFALFA.

Mealed Alfalfa is a boon to poultrymen when properly ground. Our Mealed Alfalfa is properly ground. It is the shredded alfalfa reduced to meal by the third process.

Price, 50 lb. bag, \$1.00; 100 lb. bag, \$2.00.

CYPHERS SHREDDED ALFALFA.

Price, 50 lb. bag, \$1.10; 100 lb. bag, \$2.00.

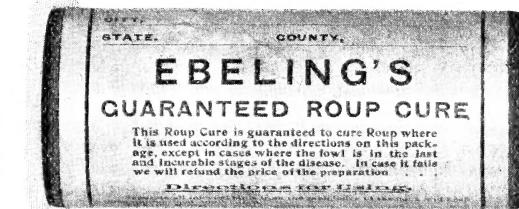
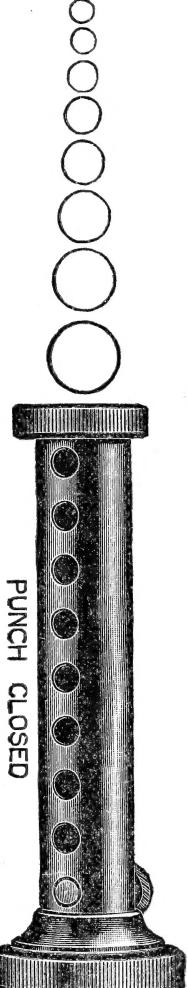
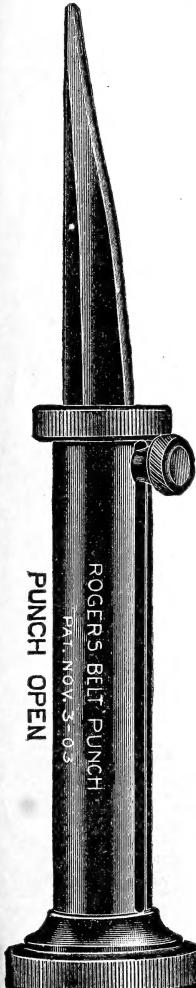
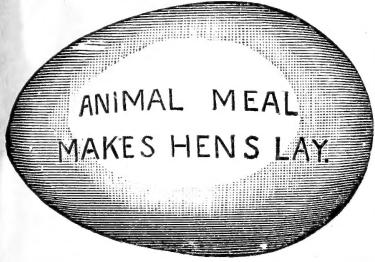
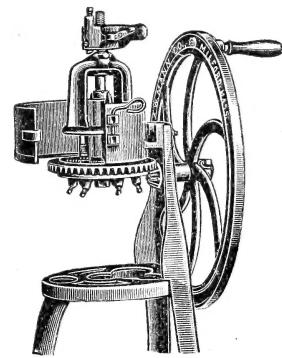
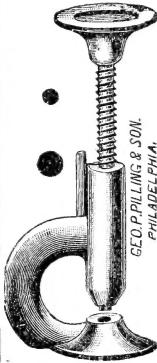
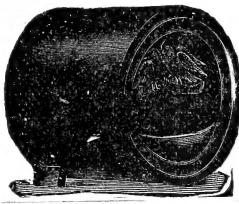
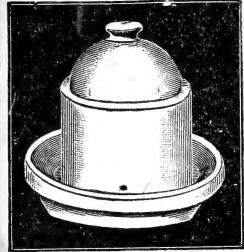


Bei uns wird Deutsch gesprochen.

For Prices of Goods on this page, see* following two pages.

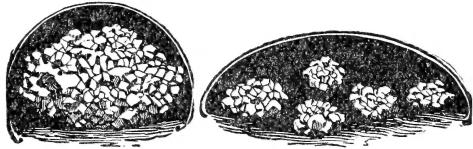
E. H. M. Poultry Fountains.

W. R. Poultry Fountains.

PHILADELPHIA
POULTRY MARKER.MANN'S CELEBRATED
GREEN BONE CUTTER.

GRANITE CRYSTAL GRIT MAGNIFIED.

Crystal Formation.



BEFORE.
AFTER.
Being Acted Upon by the Gizzard.

ADJUSTABLE ALUMINUM LEG BANDS.



THROW THEM AWAY.

A hammer and a block of wood are no longer needed to punch holes in belts or leather. Price, 75c.

The Rogers Belt and Strap Punch.

A little article that can be carried in the vest pocket, and which is always ready, will punch holes in belts or straps any size from one-sixteenth to three-eights of an inch in diameter, and do it quickly and do it nicely without any trouble or bother. It is almost invaluable to anyone who works about machinery of any kind where belts are used, and is worth many times the cost to the farmer, liverymen, or anyone for repairing harness and many other uses. This Punch is easily sharpened if it ever gets dull. When not in use it is drawn back into the handle which protects it. In using the Punch, simply extend the blade to the size of hole desired, **push the blade straight through the belt up to the handle, pressing the end of the handle against the belt and turn it one-half round, which takes out the core of the size hole desired.**

POULTRY SUPPLIES.

CYPHERS INCUBATOR, No. 0, 66 egg,	\$13.00	CAPONIZING SET, each,	. . . . .	00
" " 1, 140-egg,	20.00	CANDLE, Sulphur Fumigating, each,	. . . . .	.15
" " 2, 240-egg,	29.00	COOKERS, Food, 30 gal. size, each,	. . . . .	8.00
" " 3, 390 egg,	35.00	CUTTERS		
CYPHERS BROODERS		Clover, Mann's, less Stand,	. . . . .	8.00
Style A,	13.00	" " with Stand,	. . . . .	10.0
Storm King,	8.00	Banner Root, No. 7,		5.00
Coop for hens and chicks,	8.00	Fancier's Root,		1.00
BROODER		Root, Pully and Crank, No. 26,		12.00
Metal Parts for Style A,	6.00	" (Crank only),		11.00
" " Colony without Regulator,	6.00	EGGS for Hatching,	Price on application	
Metal Parts for Storm King,	6.00	EGG Package Imperial (see Package.)		
" " Hygenic,	6.00	EGG CABINET		
Stoves (Cyphers Safety),	1.35	Wood Revolving, 150-egg,		3.00
" (Cyphers Improved),	1.50	" " 288-egg,		5.00
" (1907 Pattern),	1.50	" " 46-egg,		6.25
	Per lb.	" " 1050-egg,		10.00
BEEF SCRAPS,	3c.	Wood's Pony, 72-egg, . . . . .		.75
BEEF MEAL,	5c.	EGG BOXES (Paper), 12 egg, per doz., . . . . .		.25
CRUSHED SHELL,	2c.	" " 24-egg, . . . . .		.45
BONE, granulated, ex. quality, 4c, . . . . .	.60	EGG CARRIERS (Wire), 6 doz, each,		1.00
BONE MEAL, Raw,	2.75	" " 9 " "		1.25
BLOOD MEAL,	3c.	" " 15 " "		1.60
ALF ALFA, Short Cut,	4 1-2c.	" " 26 " "		2.00
" Shredded,	3c.	" " 30 " "		2.25
" Mealed,	2.00	EGG, Porcelain Nest, per doz., . . . . .		.30
	Per doz.	EXTRACTORS, each, . . . . .		.25
BANDS, Ideal Leg,	15c.	EGGS, Medicated, per doz., . . . . .		.40
" Champion,	15c.	" Preservative, 1 gal. jugs, each,		1.00
" Pigeon Leg,	25c.	EGG CASE, 30 doz. size, each,		1.00
BONE CUTTERS		FOOD		
Mann's, No. 5 C., with Crank Handle,	6.00	Cyphers Chick, per lb., 3c.; per 100 "		2.50
" No. 5 B., with Balance Wheel,	8.00	" " 50 "		1.40
" No. 5 B. M., with Iron Stand and Balance Wheel,	10.40	" Forcing, " " 3c.; " " 100 "		2.00
Mann's, No. 7, Balance Wheel,	12.00	" Scratching, " " 3c.; " " 50 "		1.15
" No. 7 1-2, Semi-Power,	16.00	" Developing, " " 3c.; " " 50 "		2.00
" No. 9, with Balance Wheel and Iron Stand,	18.40	" Laying, " " 3c.; " " 50 "		1.15
Mann's, No. 11, Power Machine,	26.00	" "		2.00
" No. 12, "	30.00	FOOD HOPPERS (see Hoppers.)		
" No. 15, "	60.00	FOOD HOLDERS, small, each, . . . . .		.75
" No. 14, "	76.00	" medium, each,		1.00
" No. 16, "	225.00	" large, each,		1.25
BOXES FOR GRIT AND SHELL, each, . . . . .	.50	FOUNTAINS		
BOWKER'S ANIMAL MEAL, 10 lb. bags, . . . . .	.30	Wall, 1 gallon, each, . . . . .		.50
" " 25 " "	.63	" 2 " "		.75
" " 50 " "	1.25	Drinking, Galv. Iron, small, each, . . . . .		.20
" " 100 " "	2.25	" " medium, each, . . . . .		.25
BONE AND SHELL MILL (see Mill)		" " large, each, . . . . .		.35
BOOKS—POULTRY		" " special duck, . . . . .		.50
999 Questions and Answers, latest and best book on Poultry Raising,	1.00	FOUNTAIN (Warm Water Drinking),		3.00
Reliable Poultry Remedies. How to Prevent and Cure Diseases (84 pages), . . . . .	.25	FOOD OR WATER CUPS (see Cups.)		
Ducks and Geese. How to Succeed with Water Fowls (68 pages), . . . . .	.50	FENCING, M. M. S. Poultry, No. 19, Galv. Wire.		
Turkeys. How to raise Turkeys Profitably (84 pages), . . . . .	.50	In. high. Per bale. In. high. Per bale.		
500 Questions and Answers in Poultry Raising, . . . . .	.50	12 \$1.30 48 \$3.25		
CAPONIZING INSTRUMENTS (postpaid)	2.75	18 1.60 60 3.85		
CEMENT (Tar Paint for Roofs), per gallon, \$0.50; three gallons,	1.25	24 2.00 72 4.35		
COOP, New Model Brood,	3.50	30 2.35 84 4.95		
CHARCOAL, Nodi, 2 lb. carton, . . . . .	.10	36 2.65		
" 50 " sack,	1.25	Each roll contains 165 feet.		
CUPS for Food and Water, each, . . . . .	.15	FENCING, REGULAR POULTRY		
CABINETS (Wood Revolving Egg (see Egg Cabinet.)		2-inch mesh. 12-inch.		
COOPS, Cyphers No. 2, each, . . . . .	.50	2 " " 18 "		
" No. 4, " . . . . .	.60	2 " " 24 "		
" No. 6, " . . . . .	.75	2 " " 36 "		
CORN SHELLERS (Champion), each,	2.50	2 " " 48 "		
		2 " " 60 "		
		2 " " 72 "		
		Each roll contains 150 feet.		
		In full rolls 1-2c. per square foot.		
		Less than full rolls 3-4c. per square foot.		
FLY PEST, Cyphers Anti, 1-2 gal., each, . . . . .	.50			
" " " 1 " " .75				
" " " 5 " " 3.50				

POULTRY SUPPLIES—Continued.

GRIT, Crystal Granite, in three sizes, X, XX, XXX I lb.,	2c.; per 100, .75	ROOFING, Flinkote, 1-2 ply, per square, .	1.70
GRIT, Foust Health, per lb., 3c.; " 100, .20		" " 1 " " " .	2.25
GUN, Jumbo Powder, each, . . . . .	.25	" " 2 " " " .	3.25
GRAINS, Corn Cracked, per bushel, . . . . .	.90	" " 3 " " " .	4.00
" Canada Peas, " " "	1.50	Each roll contains one or two squares.	
" Wheat, " " "	1.20	ROOFING, Cypher's Red Rope.	
" Buckwheat, " " "	1.00	100 square feet, per roll, . . . . .	.90
" Millet, " " "	1.00	500 " " "	4.00
HOUSE, Shed Roof, each,	20.00	ROOFING, Tar, 2-ply, 100 square feet, .	.75
" Suburban Portable, each,	25.00	" " 3 " 100 " " .	1.00
" Hare-Curtis Poultry, each,	20.00	" CAPS, Tin, per lb., . . . . .	.07
" Apex Poultry (no Runway), each	10.00	" NAILS, per lb., . . . . .	.05
" " " (with Runway), ea.	15.00	SHELTERS, Chick, 6 feet, per lb.,	4.50
" Cypher's Colony, each,	8.00	" " 12 " " " .	7.00
HOPPERS, Dry Food, each, . . . . .	.75	SHELLS, Oyster, per 100, . . . . .	.60
KNIVES, Poultry Killing, each, . . . . .	.50	Special price for larger lots.	
LICE REMEDIES (see Powders.)		SULPHUR FUMIGATING CANDLES (see Candles.)	
MACHINE, Simplex Cramming, each,	10.00	SPRAY PUMPS, for Spraying Whitewash, each,	\$4.00 and 4.50
MARKERS, Philadelphia Poultry, each, . . . . .	.25	SPRAYERS, Compressed Air, Galv. Iron, each,	
MILL, Green Bone (see Bone Cutters.)		SPRAY PUMPS,	5.00
" Dry Bone and Shell (without stand) each,		STAPLES, Fence, per lb., . . . . .	.05
MILL, Dry Bone and Shell (with Stand), each,	5.00	" Poultry Fence, per lb., . . . . .	.10
MILL, Tennessee Grinding, each,	7.00	SHETING, Waterpoof, 25 yard lots, 4 inches wide, per yard, . . . . .	.20
" (Extra Grinders for same), each,	2.00	SALT CAT, per brick, . . . . .	.20
" Oriole Farm and Grist, No. 2 1-2, each, . . . . .	.25	" " per dozen,	1.75
MILL, Balance Wheel Grist, each,	25.00	Add 20c. extra for postage.	
MEDICAL AND SURGICAL CASE, Cypher's Poultry, each,	2.25	THERMOMETER, Incubator, each, . . . . .	.60
MEDICAL CASE, Separate, each,	3.00	" Brooder, unmounted, each,	
SURGICAL " " "	2.00	THERMOMETER, Brooder, mounted, ea. . . . .	.55
MOISTURE DEVICE, Automatic, each,	1.50	TESTERS, Practical Egg, each,	1.25
NEST WIRE, each,	1.50	" X Ray Egg, each, . . . . .	.25
NAPCREOL, 1 quart, each, . . . . .	.15	" Pedigree Egg, No. 0, each,	1.25
" 2 " " " . . . . .	.50	" " " No. 1, " " "	1.50
" 4 " " " . . . . .	.85	TRAYS, Pedigree Egg, No. 2, per pair,	3.00
NESTS, Earthen Pigeon, each, 15c.; doz.,	1.75	" " " No. 3, " " "	3.35
PACKAGE, Emperial Egg, 15-egg, doz.,	2.00	TOBACCO STEMS, 10 lb., . . . . .	.25
" " " " 30 " " "	2.50	" " " 50 " " "	1.00
" " " " 45 " " "	3.00	" " " 100 " " "	1.75
PAINT, White Water (Painting inside of Poultry Houses, per lb., 8c.; per 100,	6.00	TRAP NESTS, each,	1.60
PAINT (Liquid), 1 quart, . . . . .	.35	WIRE POULTRY NETTING (see Fencing.)	
" " " 1 gallon, . . . . .	.60	POULTRY FOOD	
PERCH SUPPORT, Lice-Proof, per pair,	1.00	Pratt's, per pkg.,	25c. and .60
" " " Pigeon, each, . . . . .	.25	Lee's Egg Maker, per pkg.,	25c. and 2.00
POULTRY BOOKS (see Books.)	.10	" Prolific, per pkg.,	25c. aad .90
POULTRY HOUSES AND FIXTURES			
Plans for Practical Building and Equipment (36 pages), (H), . . . . .	.35		
200 Eggs A Year per Hen, and How to Get Them, . . . . .	.50		
Pigeons and all About Them. (By Major Gilbert),	1.00		
Poultry Craft,	1.50		
Broilers and Roasters, . . . . .	.50		
Farm and Poultry Doctor, . . . . .	.50		
A Living from Poultry, . . . . .	.25		
Cyphers Series, Nos. 1 to 6, . . . . .	.50		
" " " No. 7,	1.00		
" " " No. 8, . . . . .	.25		
POWDER, Lambert's Lice, 5 oz., . . . . .	.10		
" " " " 15 " " " . . . . .	.25		
" " " " 48 " " " . . . . .	.50		
" " " " 100 " " "	1.00		
REGULATORS, Electric, each,	22.00		
REMEDIES			
Cyphers Poultry (Case complete), each,	2.00	CANADA PEAS, per bu.,	1.50
(Single Vials), each, . . . . .	.25	CHOICE WHEAT, per bu.,	1.50
ROUP CURE, Ebeling's Guaranteed, . . . . .	.50	YELLOW CORN, small kernels, per bu.,	1.50
" " " Conkey's,	50c. and 1.00	KAFFIR CORN, per bu.,	1.25
" " " Rust's,	25c. and 1.00	MILLET, per bu.,	1.25
ROOT CUTTERS (see Cutters.)		HEMP, per lb., . . . . .	.08

PIGEON AND DOVE SUPPLIES.

"	"	"	48	"	"	.50
"	"	"	100	"	"	1.00
REGULATORS, Electric, each,	.	.		22.00		
REMEDIES						
Cyphers Poultry (Case complete), each,			2.00			
(Single Vials), each.			.25			
ROUP CURE, Ebeling's Guar'an'eed,			.50			
"	"	Conkey's,		50c. and 1.00		
"	"	Rust's,		.25c. and 1.00		
ROOT CUTTERS (see Cutters.)						
CANADA PEAS, per bu.,	.	.	.	.	.	1.50
CHOICE WHEAT, per bu.,	.	.	.	.	.	1.50
YELLOW CORN, small kernels, per bu.,	.	.	.	.	.	1.50
KAFFIR CORN, per bu.,	.	.	.	.	.	1.25
MILLET, per bu.,	.	.	.	.	.	1.25
HEMP, per lb.,	.	.	.	.	.	.08
FOUST'S HEALTH GRIT, per lb., 3c.; per						
100,						2.00
DOG BISCUIT,	.	.	1 lb., 10c.; 12 lb., 1.00			

F.H.Ebeling, 217 WARREN, ST.
SYRACUSE, N.Y.



*Seeds, Bulbs, Hardware Paints
Implements Drain Tile Tin Shop.*